

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJRK1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 4 OCT 03 MATHDI removed from STN
NEWS 5 OCT 04 CA/Caplus-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of Caplus documents for use in third-party analysis and
visualization tools
NEWS 8 OCT 27 Free KWIC format extended in full-text databases
NEWS 9 OCT 27 DIOGENES content streamlined
NEWS 10 OCT 27 EPFULL enhanced with additional content
NEWS 11 NOV 14 CA/Caplus - Expanded coverage of German academic research
NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
spectral property data
NEWS 13 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 14 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 15 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 16 DEC 14 CA/Caplus to be enhanced with updated IPC codes
NEWS 17 DEC 16 MARPATprev will be removed from STN on December 31, 2005
NEWS 18 DEC 21 IPC search and display fields enhanced in CA/Caplus with the
IPC reform
NEWS 19 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2

NEWS EXPRESS DECEMBER 02 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 02 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:07:26 ON 27 DEC 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:07:34 ON 27 DEC 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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STRUCTURE FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6

DICTIONARY FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

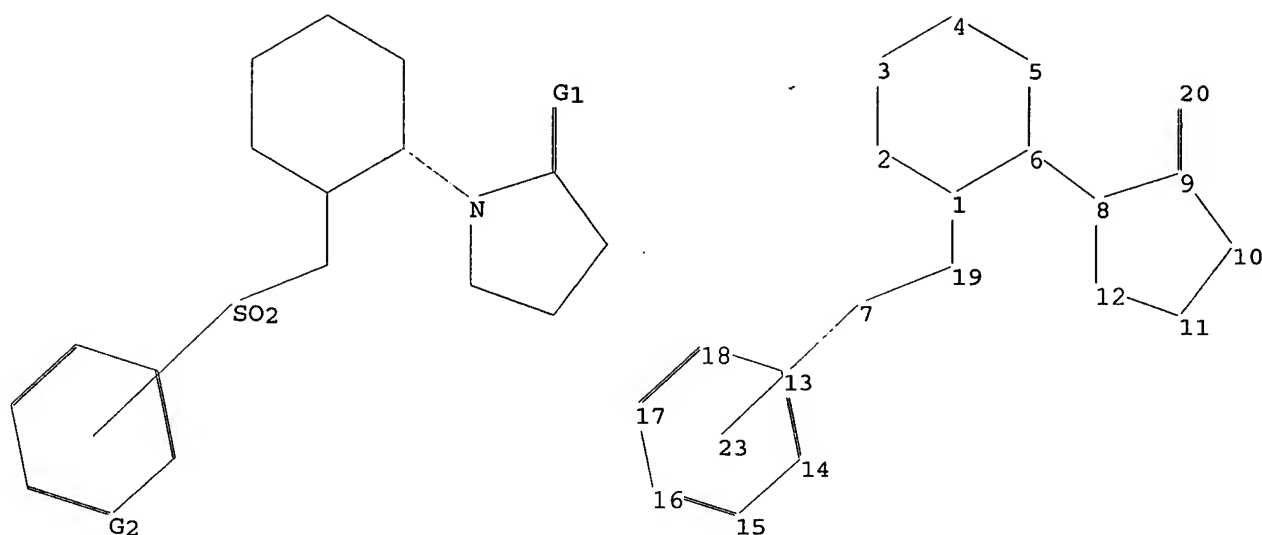
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10776828\Struc 3.str



chain nodes :

7 19 20

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18

chain bonds :

1-19 6-8 7-19 9-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-12 9-10 10-11 11-12 13-18 13-14 14-15
15-16 16-17 17-18

exact/norm bonds :

1-2 1-6 1-19 2-3 3-4 4-5 5-6 6-8 7-19 8-9 8-12 9-10 9-20 10-11 11-12
13-18 13-14 14-15 15-16 16-17 17-18

G1:O,S

G2:C,N

Match level :

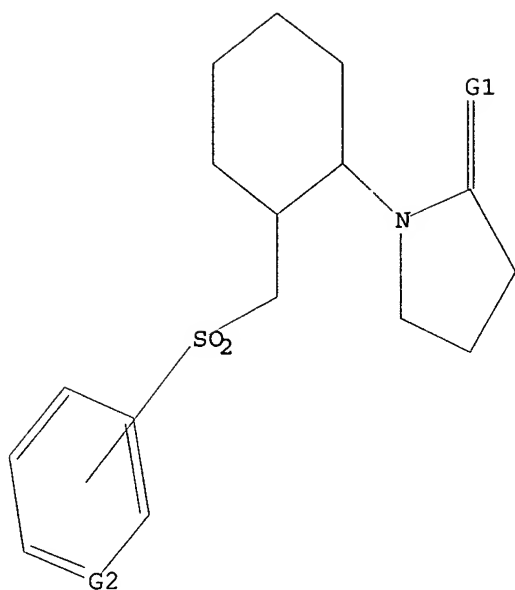
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,S

G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> l1

SAMPLE SEARCH INITIATED 10:07:57 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 25 TO ITERATE

100.0% PROCESSED 25 ITERATIONS

18 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 200 TO 800

PROJECTED ANSWERS: 106 TO 614

L2 18 SEA SSS SAM L1

=> l1 full

FULL SEARCH INITIATED 10:08:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 543 TO ITERATE

100.0% PROCESSED 543 ITERATIONS

297 ANSWERS

SEARCH TIME: 00.00.01

L3 297 SEA SSS FUL L1

=> file caplus medline

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

161.33

161.54

FILE 'CAPLUS' ENTERED AT 10:08:10 ON 27 DEC 2005

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FILE 'MEDLINE' ENTERED AT 10:08:10 ON 27 DEC 2005

=> l3

L4 3 L3

=> dup rem l3

DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.77

168.31

FILE 'REGISTRY' ENTERED AT 10:08:19 ON 27 DEC 2005

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STRUCTURE FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6

DICTIONARY FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

PROCESSING COMPLETED FOR L3

L5 297 DUP REM L3 (0 DUPLICATES REMOVED)

=> dup rem l4

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.43

168.74

FILE 'CAPLUS' ENTERED AT 10:08:26 ON 27 DEC 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 27 Dec 2005 VOL 144 ISS 1
FILE LAST UPDATED: 26 Dec 2005 (20051226/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

PROCESSING COMPLETED FOR L4

L6 3 DUP REM L4 (0 DUPLICATES REMOVED)

=> file caplus medline

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.45

169.19

FILE 'CAPLUS' ENTERED AT 10:08:36 ON 27 DEC 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'MEDLINE' ENTERED AT 10:08:36 ON 27 DEC 2005

=> dup rem l4

PROCESSING COMPLETED FOR L4

L7 3 DUP REM L4 (0 DUPLICATES REMOVED)

=> d ibib abs hitstr 1-3

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:701975 CAPLUS

DOCUMENT NUMBER: 141:225304

TITLE: Preparation of cyclohexyl-substituted lactams as cytokine receptor modulating agents

INVENTOR(S): Cherney, Robert J.; Carter, Percy; Duncia, John V.; Gardner, Daniel S.; Santella, Joseph B.

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 385 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004071460	A2	20040826	WO 2004-US4418	20040211
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,			

GQ, GW, ML, MR, NE, SN, TD, TG
 US 2004186140 A1 20040923 US 2004-776828 20040211
 EP 1606255 A2 20051221 EP 2004-710294 20040211
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 PRIORITY APPLN. INFO.: US 2003-446850P P 20030212
 WO 2004-US4418 W 20040211
 OTHER SOURCE(S): MARPAT 141:225304
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Cyclohexyl-substituted lactams I [A = (un)substituted saturated or partially saturated cycloalkyl or heterocycloalkyl group with 3-8 atoms; E = S(:O)pCHR3, CHR3NR3, C(:O)NR3, N(R3)C(:O)NR3, SO2N(R3), N(R3)SO2N(R3); G = (CHR10)n; J = CH2CH2, CH:CH un(substituted) with (R13)s; R1, R2 = (un)substituted aryl or heteroaryl ring; R3 = H, alkyl; R10 = H, (un)substituted alkyl (two R10 groups may together comprise a carbonyl group); R11, R12 (independently) = H, (un)substituted alkyl, aralkyl, heteroaralkyl, ϵ -hydroxyalkyl, ϵ -mercaptoalkyl, ϵ -alkoxyalkyl, etc.; R13 = H, (un)substituted alkyl; X = O, S; Z = bond, (un)substituted aminocarbonyl, aminothiocarbonyl, aminocarbonylamino, aminothiocarbonylamino, aminosulfonyl, aminosulfonylamino, carbonylamino, oxycarbonylamino, aminocarbonyloxy, alkenediyl, methylene, etc.; m = 0-1; n = 0-3; s = 0-1] such as II are prepared as modulators of cytokine activity for the treatment of diseases associated with cytokines and their receptors such as inflammation, osteo- and rheumatoid arthritis, autoimmune diseases, HIV infection, inflammatory bowel disease, asthma, multiple sclerosis, and atherosclerosis. E.g., 1,4-cyclohexanedione mono(ethylene ketal) is lithiated and acylated with Et cyanoformate, reductively aminated with (S)- α -methylbenzylamine, subjected to reduction with lithium aluminum hydride followed by hydrogenolysis with palladium hydroxide and protection with Cbz anhydride to yield nonracemic III. E.g., III undergoes substitution at the primary carbon with 4-bromophenyl disulfide and tributylphosphine followed by oxidation with mCPBA, Stille methylation of the p-bromophenyl moiety, hydrogenolysis of the Cbz protecting group, acylation with N-Cbz-L-methionine, and S-methylation and cyclization with Me iodide and cesium carbonate to yield IV. E.g., IV undergoes acid-catalyzed deketalization, titanium-mediated Meerwein-Ponndorf-Verley reduction with isopropylamine (giving a mixture of both epimers at the amine center), N-methylation with formaldehyde and sodium triacetoxyborohydride, hydrogenolysis of the Cbz protecting group on the aminopyrrolidinone, and acylation with 3-trifluoromethylbenzoic acid and HATU to yield II. The compds. are modulators of chemokine receptor activity (no data). In addition, methods of halolactamization and dehalogenation and reagents appropriate for such transformations are claimed.

IT 746666-74-0P 746666-82-0P 746666-83-1P
 746666-85-3P 746666-95-5P 746667-02-7P
 746667-41-4P 746667-43-6P 746667-45-8P
 746667-62-9P 746667-65-2P 746668-45-1P
 746668-66-6P 746668-69-9P 746668-74-6P
 746668-83-7P 746669-71-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of cyclohexyl-substituted lactams as modulators for cytokine receptor activity in the treatment of conditions such as inflammation, rheumatoid arthritis, asthma, multiple sclerosis, and atherosclerosis)

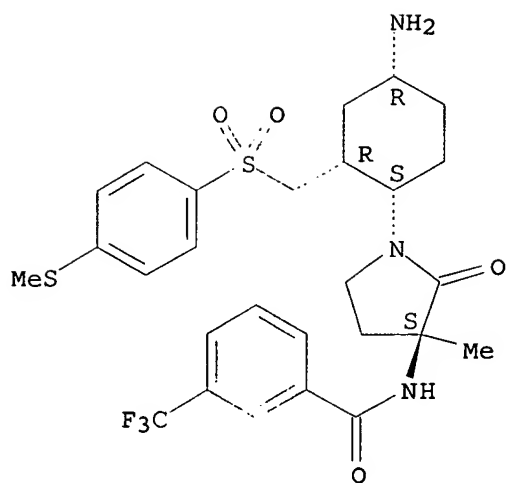
RN 746666-74-0 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-

CN Benzamide, N-[(3R)-1-[(1R,2S,4S)-4-azido-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-3-methyl-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, rel- (9CI) (CA INDEX NAME)

CN Benzamide, N-[(3R)-1-[(1R,2S,4S)-4-amino-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-3-methyl-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, rel- (9CI) (CA INDEX NAME)

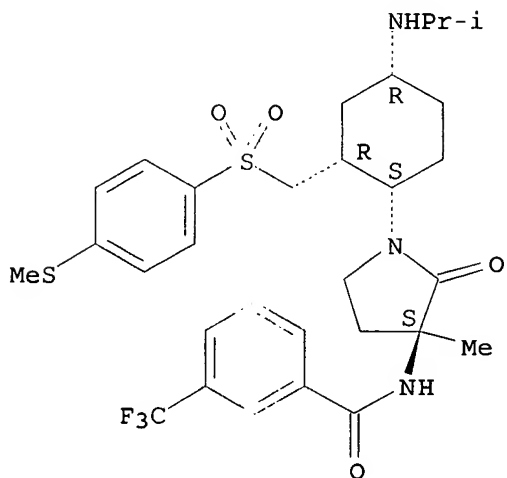
Relative stereochemistry.



RN 746666-85-3 CAPLUS

CN Benzamide, N-[(3R)-3-methyl-1-[(1R,2S,4S)-4-[(1-methylethyl)amino]-2-[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, rel- (9CI) (CA INDEX NAME)

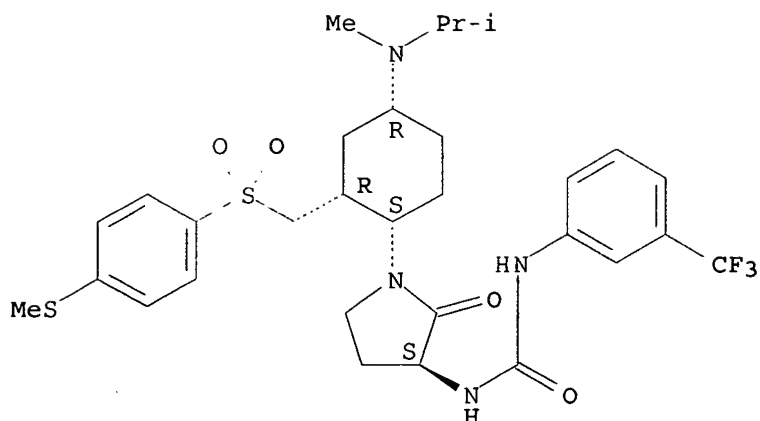
Relative stereochemistry.



RN 746666-95-5 CAPLUS

CN Urea, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-N'-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

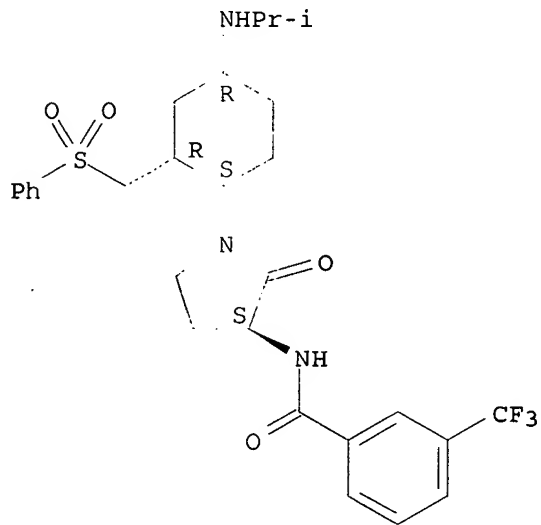
Absolute stereochemistry.



RN 746667-02-7 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

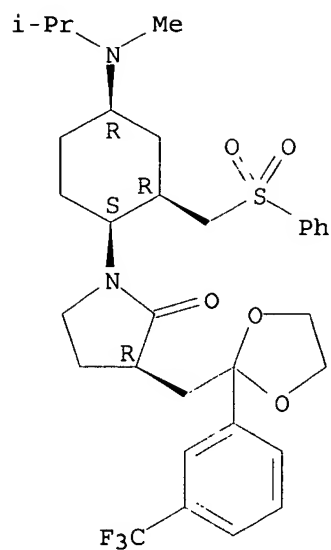
Absolute stereochemistry.



RN 746667-41-4 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-[3-(trifluoromethyl)phenyl]-1,3-dioxolan-2-yl]methyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

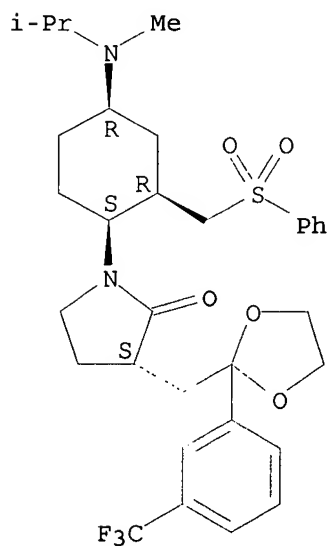
Relative stereochemistry.



RN 746667-43-6 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-[3-(trifluoromethyl)phenyl]-1,3-dioxolan-2-yl]methyl]-, (3R)-rel- (9CI) (CA INDEX NAME)

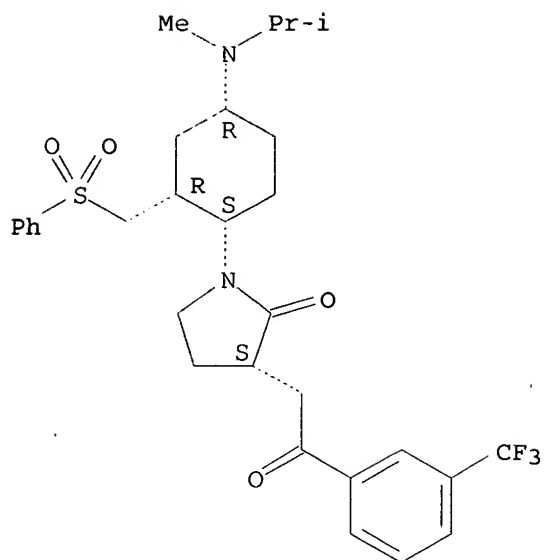
Relative stereochemistry.



RN 746667-45-8 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-oxo-2-[3-(trifluoromethyl)phenyl]ethyl]-, (3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



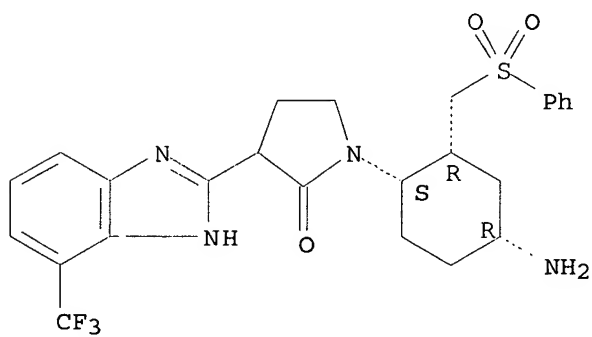
RN 746667-62-9 CAPLUS
 CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-amino-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-61-8

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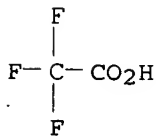
Relative stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 746667-65-2 CAPLUS

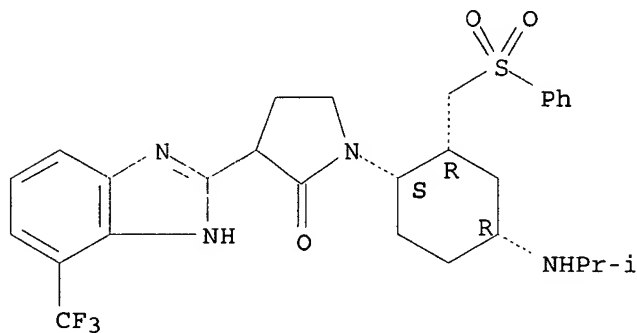
CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-64-1

CMF C28 H33 F3 N4 O3 S

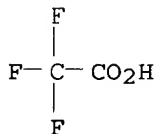
Relative stereochemistry.



CM 2

CRN 76-05-1

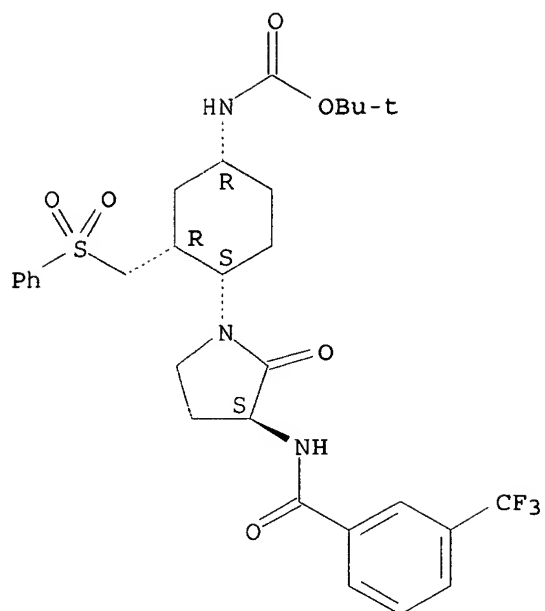
CMF C2 H F3 O2



RN 746668-45-1 CAPLUS

CN Carbamic acid, [(1R,3R,4S)-4-[(3S)-2-oxo-3-[[3-(trifluoromethyl)benzoyl]amino]-1-pyrrolidinyl]-3-[(phenylsulfonyl)methyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-66-6 CAPLUS

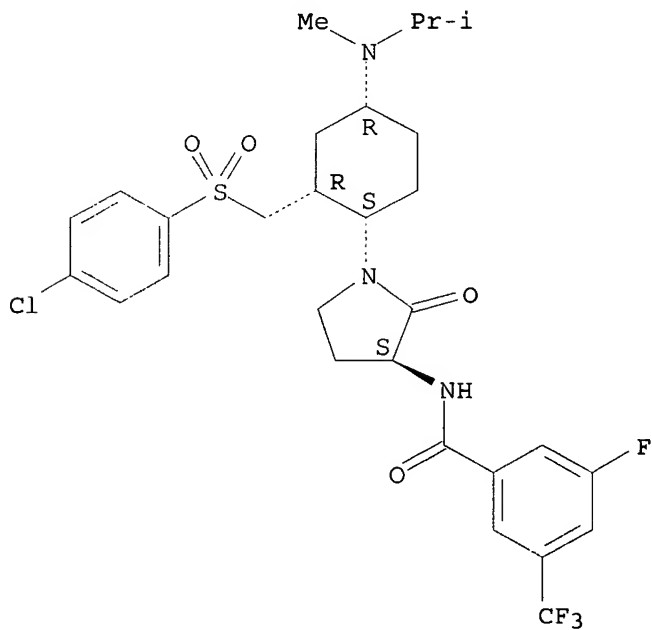
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-fluoro-5-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-65-5

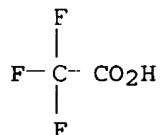
CMF C29 H34 Cl F4 N3 O4 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

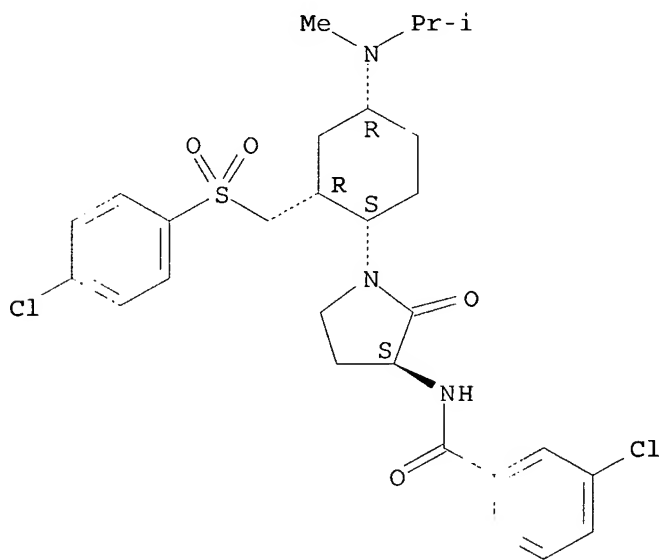


RN 746668-69-9 CAPLUS
CN Benzamide, 3-chloro-N-[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl)sulfonyl)methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

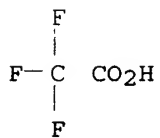
CRN 746668-68-8
CMF C28 H35 Cl2 N3 O4 S

Absolute stereochemistry.



CM 2

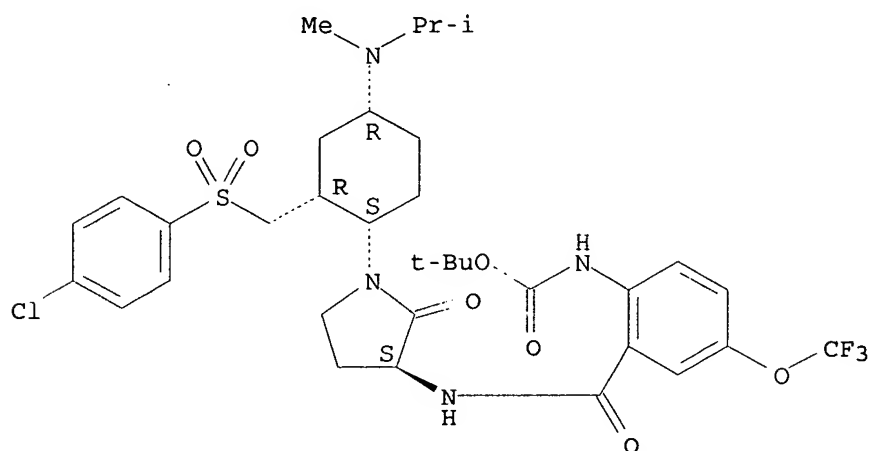
CRN 76-05-1
CMF C2 H F3 O2



RN 746668-74-6 CAPLUS
CN Carbamic acid, [2-[[[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl)sulfonyl)methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-

oxo-3-pyrrolidinyl]amino]carbonyl]-4-(trifluoromethoxy)phenyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-83-7 CAPLUS

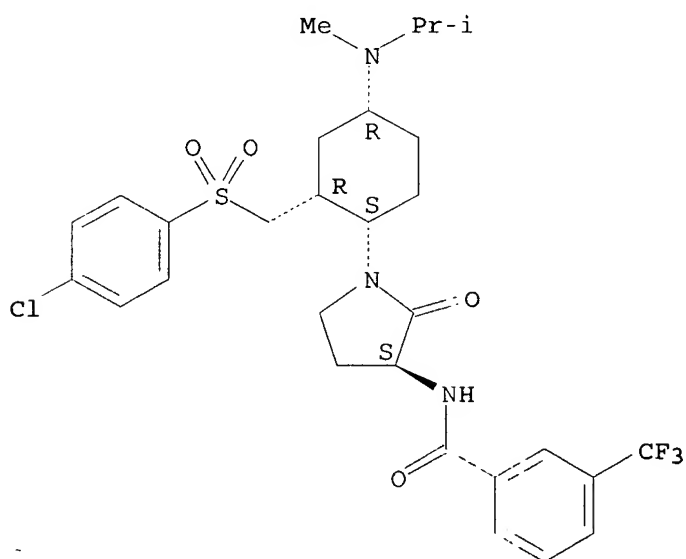
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-82-6

CMF C29 H35 Cl F3 N3 O4 S

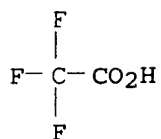
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 746669-71-6 CAPLUS

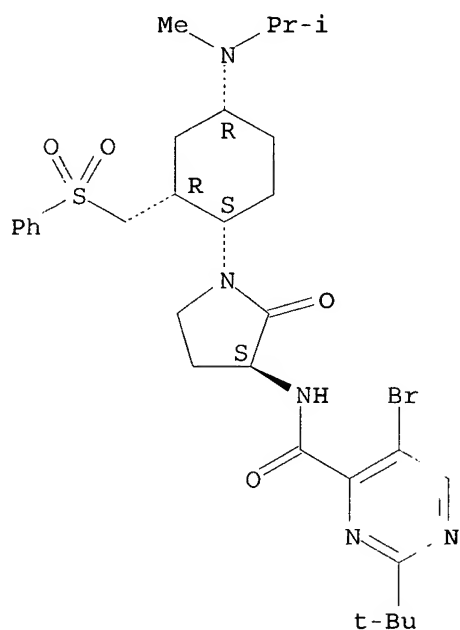
CN 4-Pyrimidinecarboxamide, 5-bromo-2-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-70-5

CMF C30 H42 Br N5 O4 S

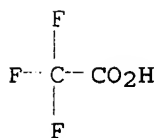
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



IT 746666-70-6P 746666-72-8P 746666-76-2P
 746666-77-3P 746666-79-5P 746666-81-9P
 746666-86-4P 746666-88-6P 746666-90-0P
 746666-93-3P 746666-97-7P 746666-99-9P
 746667-00-5P 746667-04-9P 746667-06-1P

746667-08-3P 746667-12-9P 746667-27-6P
746667-30-1P 746667-33-4P 746667-47-0P
746667-49-2P 746667-50-5P 746667-52-7P
746667-53-8P 746667-55-0P 746667-56-1P
746667-58-3P 746667-59-4P 746667-61-8P
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746667-74-3P 746667-76-5P 746667-77-6P
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746668-80-4P 746668-82-6P 746668-85-9P
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746669-53-4P 746669-54-5P 746669-55-6P
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746670-08-6P 746670-09-7P 746670-10-0P
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 748165-37-9P

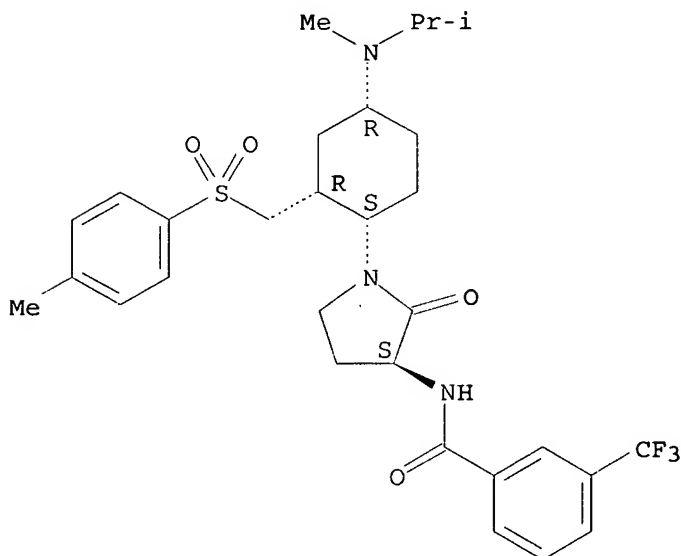
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of cyclohexyl-substituted lactams as modulators for cytokine receptor activity in the treatment of conditions such as inflammation, rheumatoid arthritis, asthma, multiple sclerosis, and atherosclerosis)

RN 746666-70-6 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(4-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

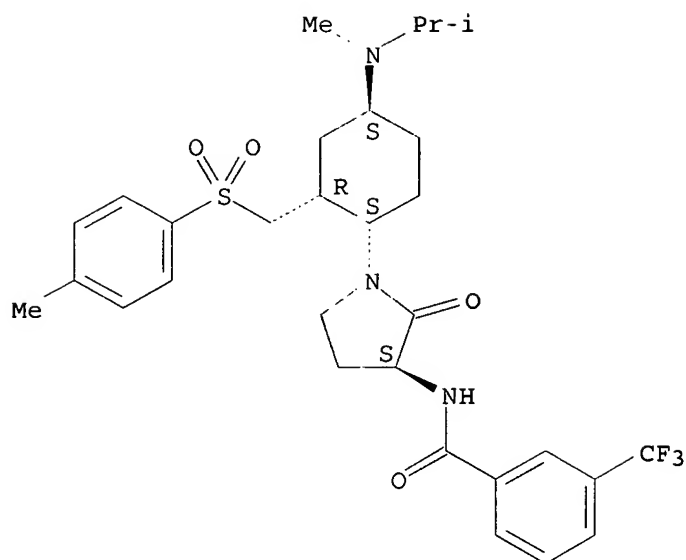
Absolute stereochemistry.



RN 746666-72-8 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4S)-4-[methyl(1-methylethyl)amino]-2-[(4-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

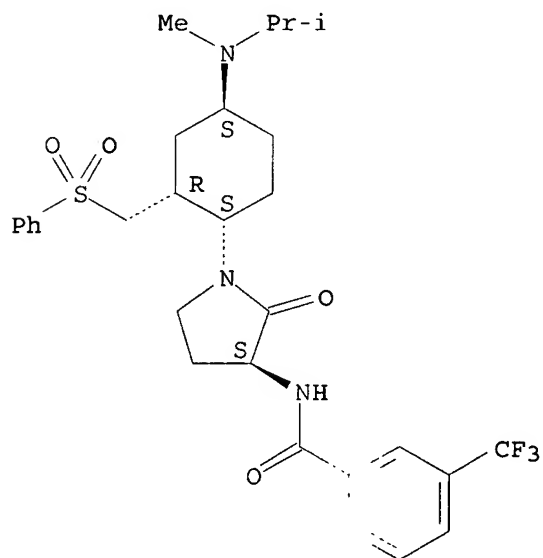
Absolute stereochemistry.



RN 746666-76-2 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

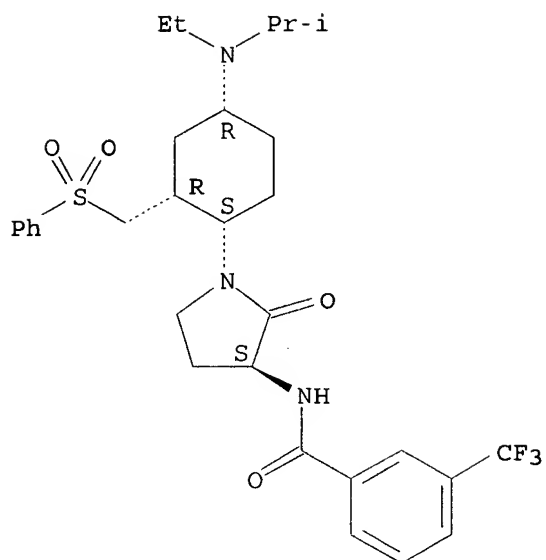
Absolute stereochemistry.



RN 746666-77-3 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[ethyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

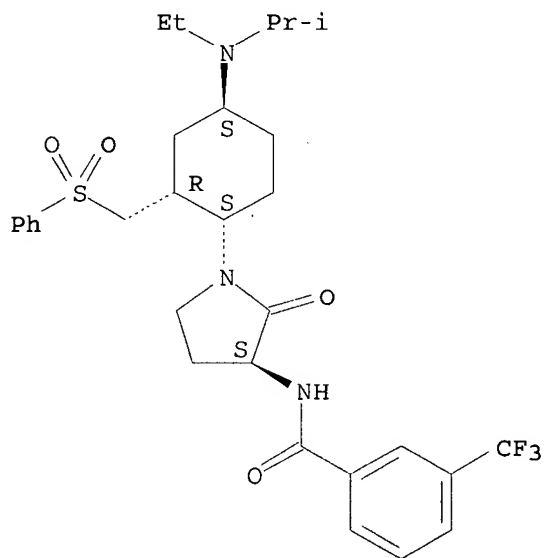
Absolute stereochemistry.



RN 746666-79-5 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4S)-4-[ethyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

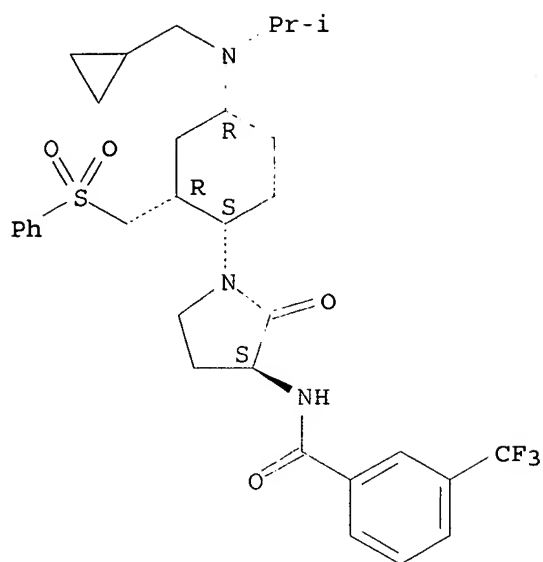
Absolute stereochemistry.



RN 746666-81-9 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[(cyclopropylmethyl)(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

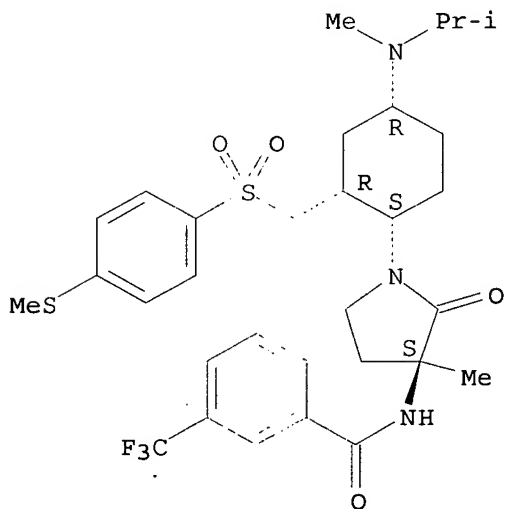
Absolute stereochemistry.



RN 746666-86-4 CAPLUS

CN Benzamide, N-[(3R)-3-methyl-1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, rel- (9CI) (CA INDEX NAME)

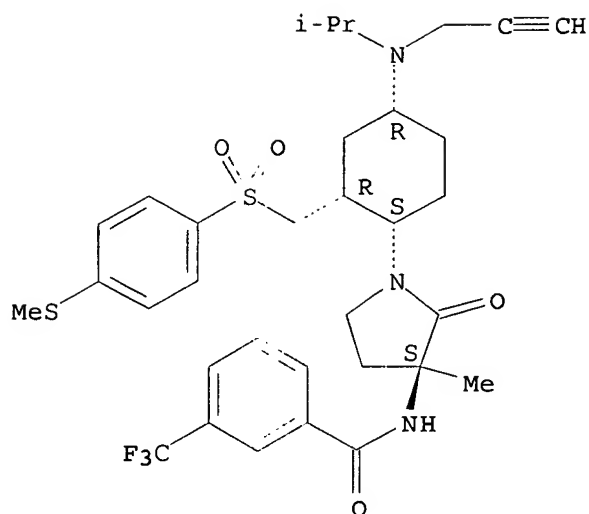
Relative stereochemistry.



RN 746666-88-6 CAPLUS

CN Benzamide, N-[(3R)-3-methyl-1-[(1R,2S,4S)-4-[(1-methylethyl)-2-propynylamino]-2-[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, rel- (9CI) (CA INDEX NAME)

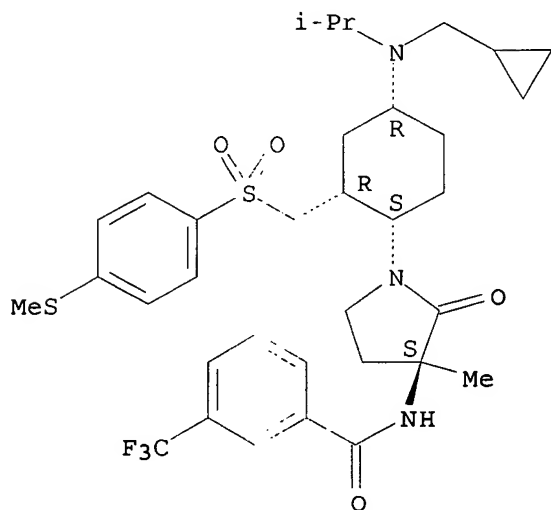
Relative stereochemistry.



RN 746666-90-0 CAPLUS

CN Benzamide, N-[(3R)-1-[(1R,2S,4S)-4-[(cyclopropylmethyl)(1-methylethyl)amino]-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-3-methyl-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, rel- (9CI) (CA INDEX NAME)

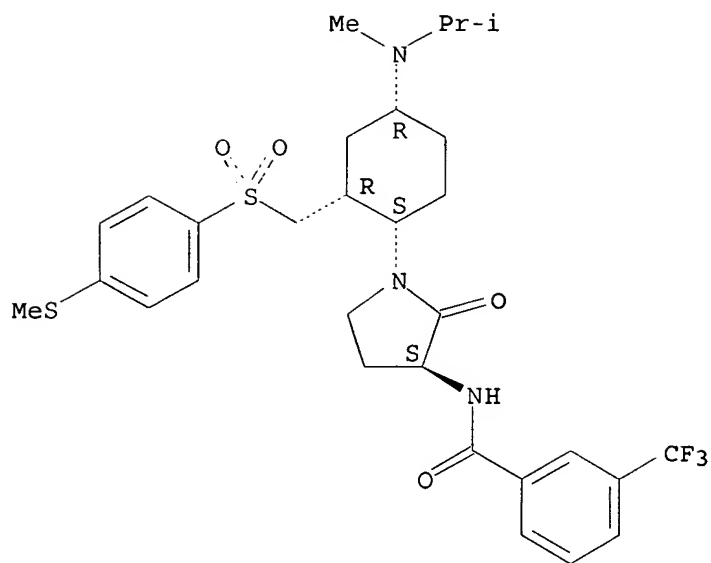
Relative stereochemistry.



RN 746666-93-3 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

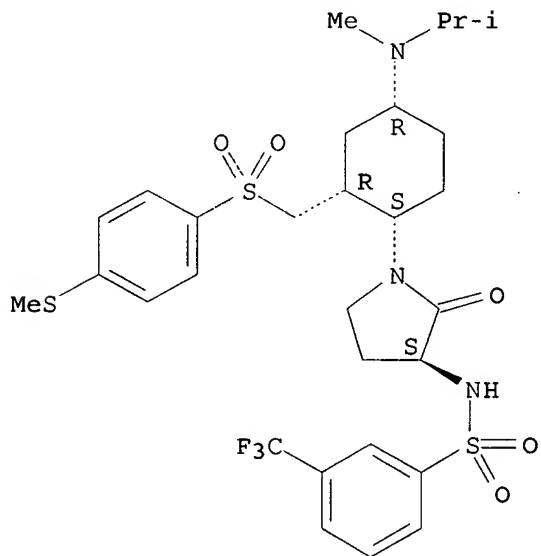
Absolute stereochemistry.



RN 746666-97-7 CAPLUS

CN Benzenesulfonamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

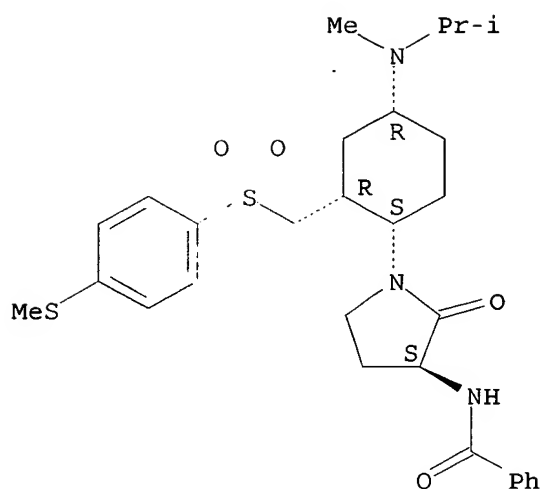
Absolute stereochemistry.



RN 746666-99-9 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

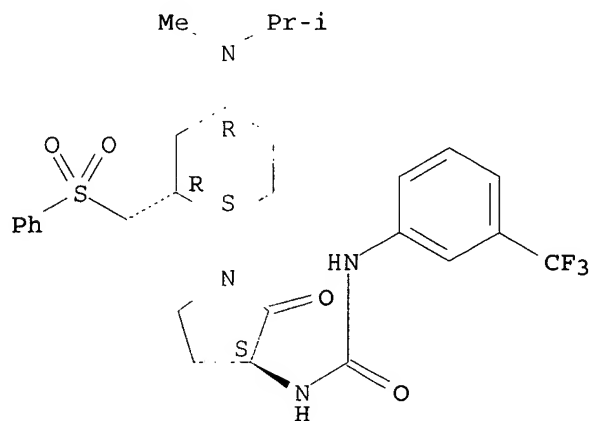
Absolute stereochemistry.



RN 746667-00-5 CAPLUS

CN Urea, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-N'-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

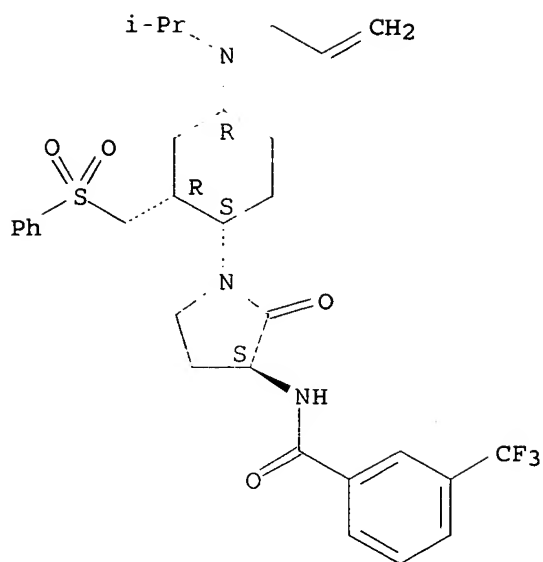
Absolute stereochemistry.



RN 746667-04-9 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[(1-methylethyl)-2-propenylamino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

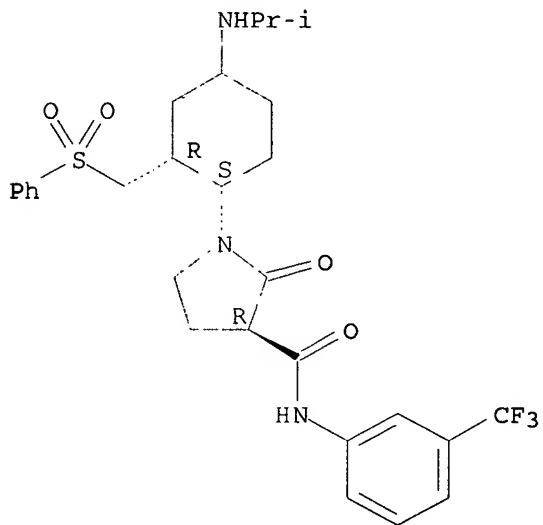
Absolute stereochemistry.



RN 746667-06-1 CAPLUS

CN 3-Pyrrolidinecarboxamide, 1-[(1S,2R)-4-[(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-N-[3-(trifluoromethyl)phenyl]-, (3R)- (9CI) (CA INDEX NAME)

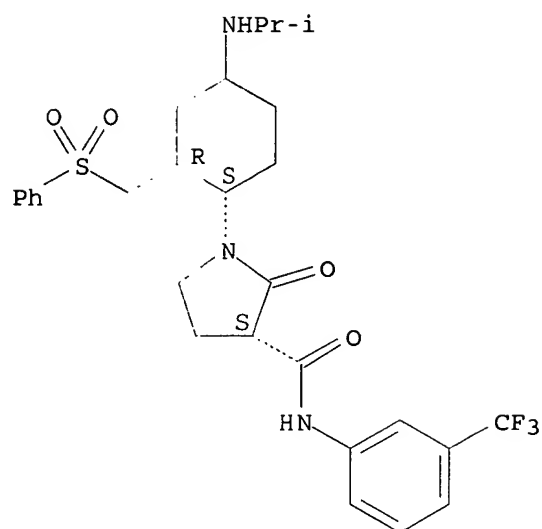
Absolute stereochemistry.



RN 746667-08-3 CAPLUS

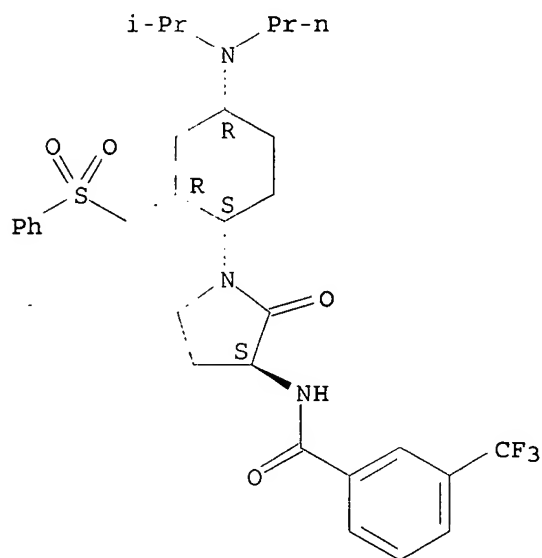
CN 3-Pyrrolidinecarboxamide, 1-[(1S,2R)-4-[(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-N-[3-(trifluoromethyl)phenyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



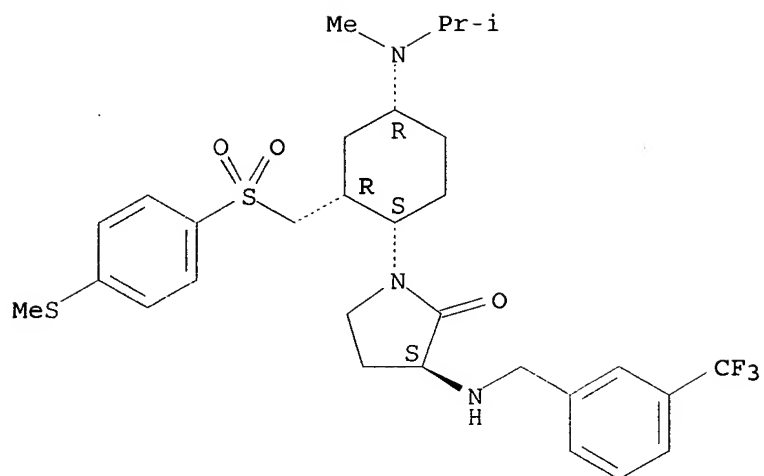
RN 746667-12-9 CAPLUS
 CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[(1-methylethyl)propylamino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746667-27-6 CAPLUS
 CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-3-[[[3-(trifluoromethyl)phenyl]methyl]amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746667-30-1 CAPLUS

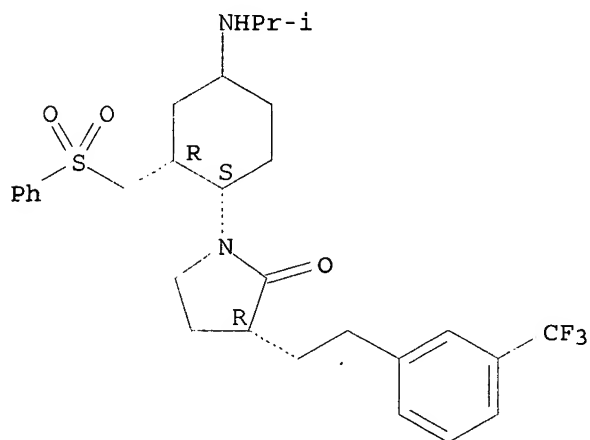
CN 2-Pyrrolidinone, 1-[(1S,2R)-4-[(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[2-[3-(trifluoromethyl)phenyl]ethyl]-, (3R)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746667-29-8

CMF C29 H37 F3 N2 O3 S

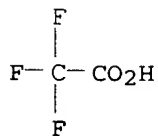
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 746667-33-4 CAPLUS

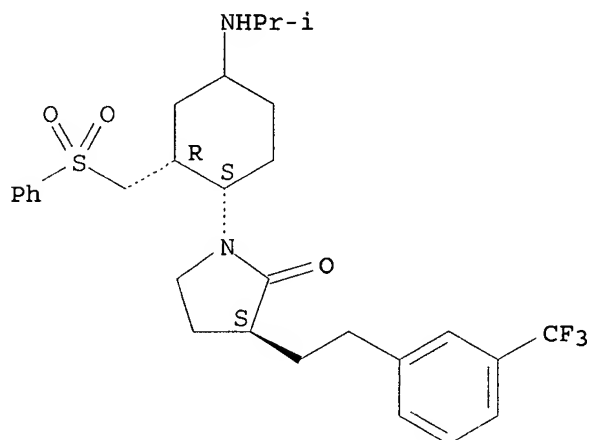
CN 2-Pyrrolidinone, 1-[(1S,2R)-4-[(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[2-[3-(trifluoromethyl)phenyl]ethyl]-, (3S)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746667-32-3

CMF C29 H37 F3 N2 O3 S

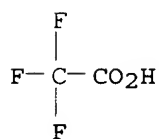
Absolute stereochemistry.



CM 2

CRN 76-05-1

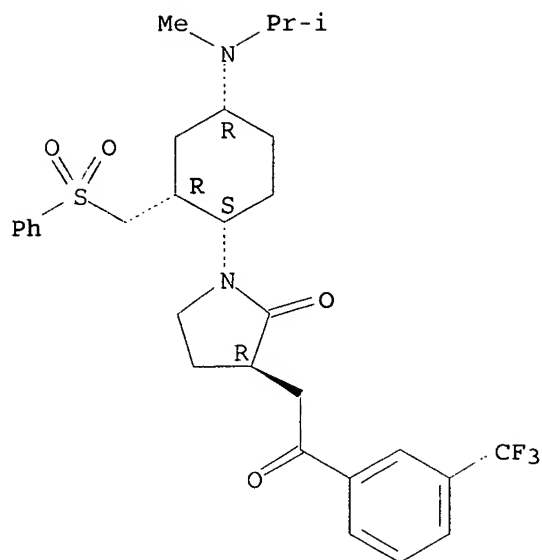
CMF C2 H F3 O2



RN 746667-47-0 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[2-oxo-2-[3-(trifluoromethyl)phenyl]ethyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

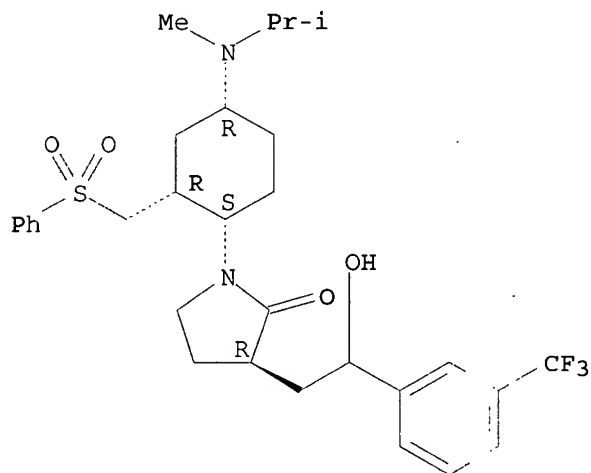
Relative stereochemistry.



RN 746667-49-2 CAPLUS

CN 2-Pyrrolidinone, 3-[2-hydroxy-2-[3-(trifluoromethyl)phenyl]ethyl]-1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-rel-, (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 746667-50-5 CAPLUS

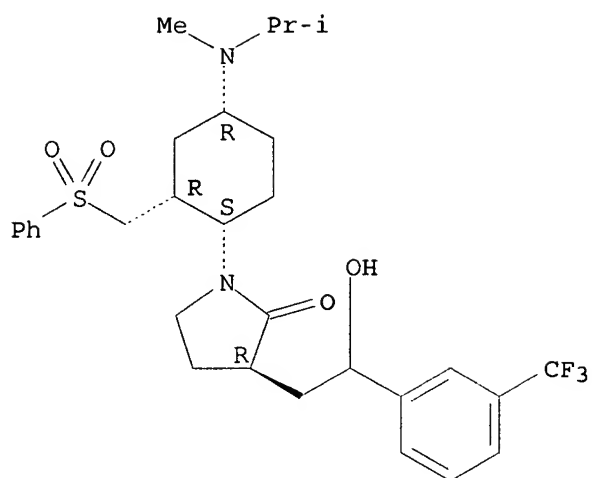
CN 2-Pyrrolidinone, 3-[2-hydroxy-2-[3-(trifluoromethyl)phenyl]ethyl]-1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-rel-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 746667-49-2

CMF C30 H39 F3 N2 O4 S

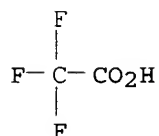
Relative stereochemistry.



CM 2

CRN 76-05-1

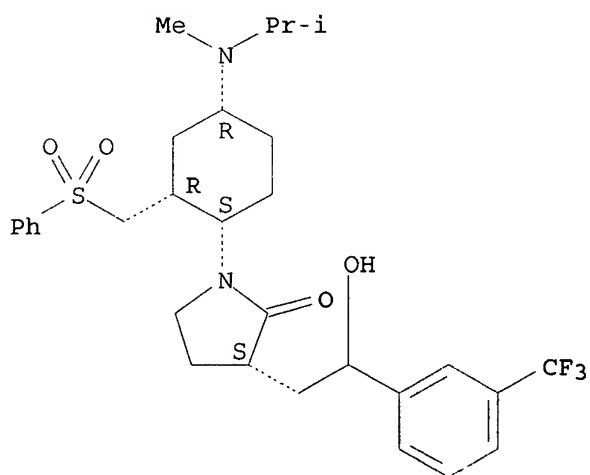
CMF C2 H F3 O2



RN 746667-52-7 CAPLUS

CN 2-Pyrrolidinone, 3-[2-hydroxy-2-[3-(trifluoromethyl)phenyl]ethyl]-1-
[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
hexyl]-, (3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 746667-53-8 CAPLUS

CN 2-Pyrrolidinone, 3-[2-hydroxy-2-[3-(trifluoromethyl)phenyl]ethyl]-1-
[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo

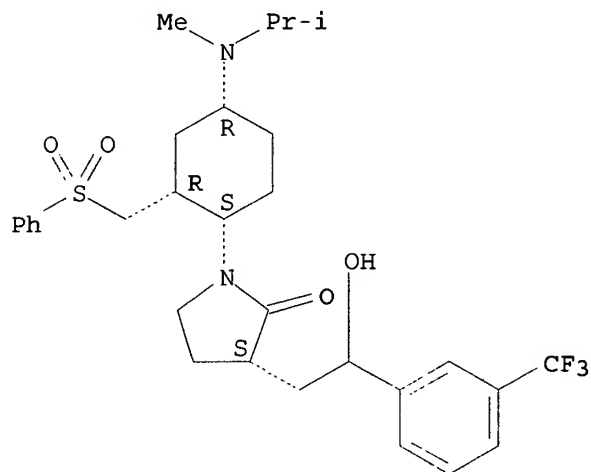
hexyl]-, (3R)-rel-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 746667-52-7

CMF C30 H39 F3 N2 O4 S

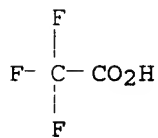
Relative stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2

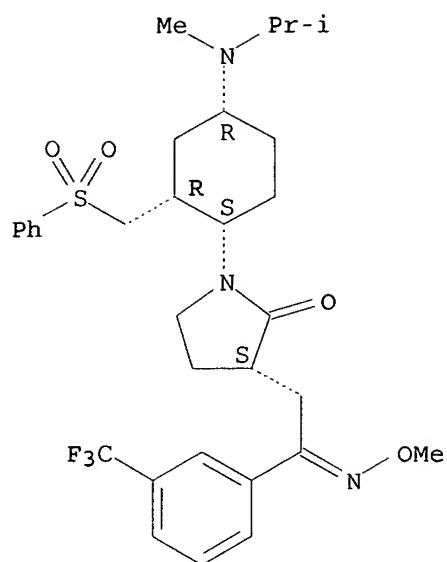


RN 746667-55-0 CAPLUS

CN 2-Pyrrolidinone, 3-[2-(methoxyimino)-2-[3-(trifluoromethyl)phenyl]ethyl]-1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

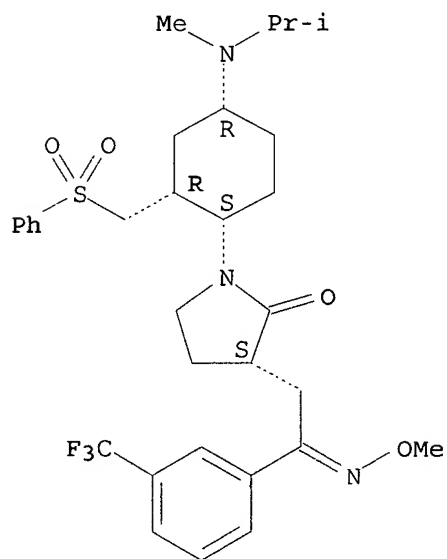


RN 746667-56-1 CAPLUS
 CN 2-Pyrrolidinone, 3-[2-(methoxyimino)-2-[3-(trifluoromethyl)phenyl]ethyl]-1-
 [(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
 hexyl]-, (3R)-rel-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

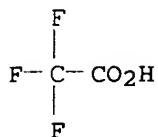
CRN 746667-55-0
 CMF C31 H40 F3 N3 O4 S

Relative stereochemistry.
 Double bond geometry unknown.



CM 2

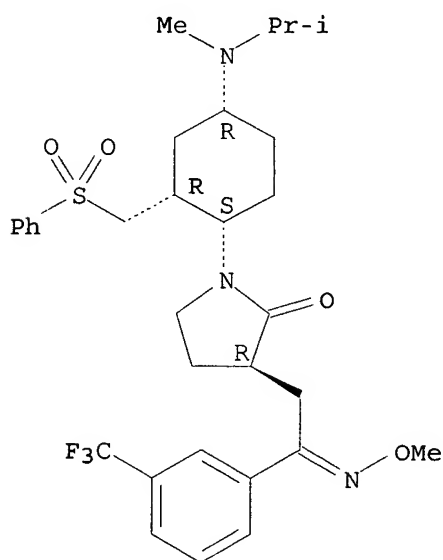
CRN 76-05-1
 CMF C2 H F3 O2



RN 746667-58-3 CAPLUS

CN 2-Pyrrolidinone, 3-[2-(methoxyimino)-2-[3-(trifluoromethyl)phenyl]ethyl]-1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 746667-59-4 CAPLUS

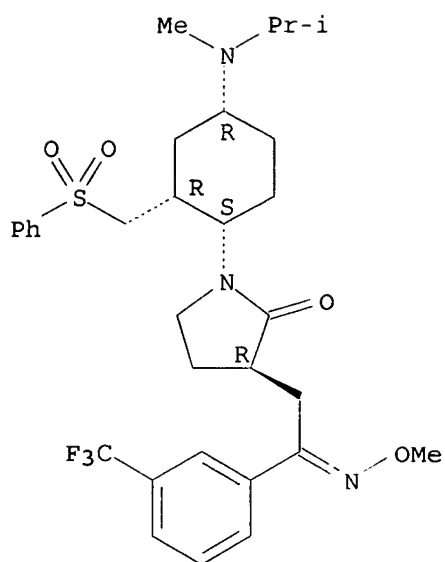
CN 2-Pyrrolidinone, 3-[2-(methoxyimino)-2-[3-(trifluoromethyl)phenyl]ethyl]-1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-rel-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-58-3

CMF C31 H40 F3 N3 O4 S

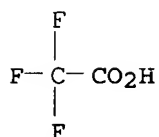
Relative stereochemistry.
Double bond geometry unknown.



CM 2

CRN 76-05-1

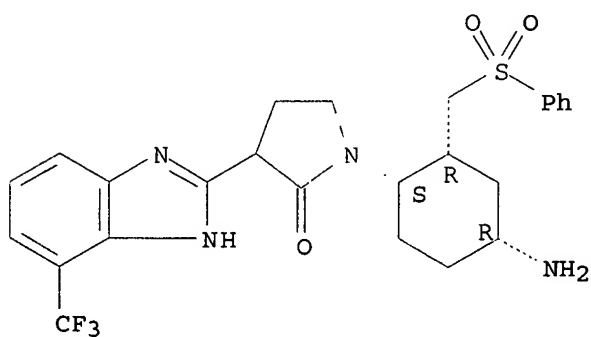
CMF C2 H F3 O2



RN 746667-61-8 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-amino-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel- (9CI) (CA INDEX NAME)

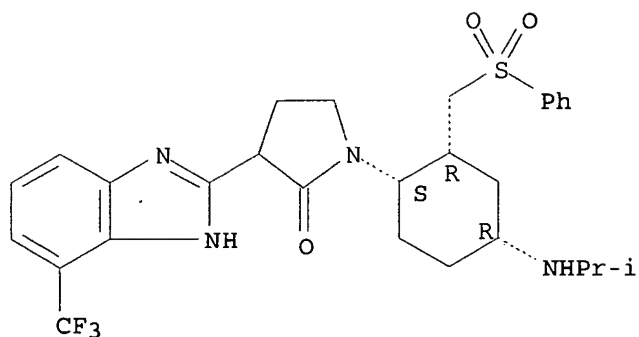
Relative stereochemistry.



RN 746667-64-1 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel- (9CI) (CA INDEX NAME)

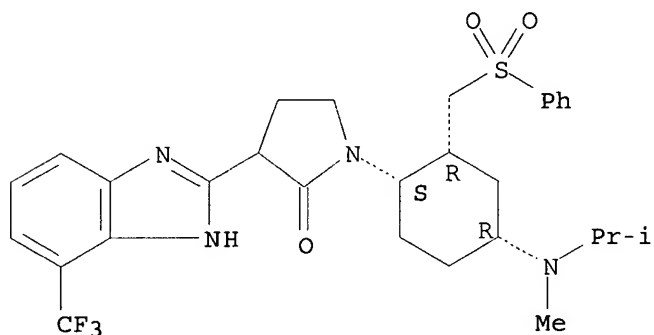
Relative stereochemistry.



RN 746667-67-4 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 746667-68-5 CAPLUS

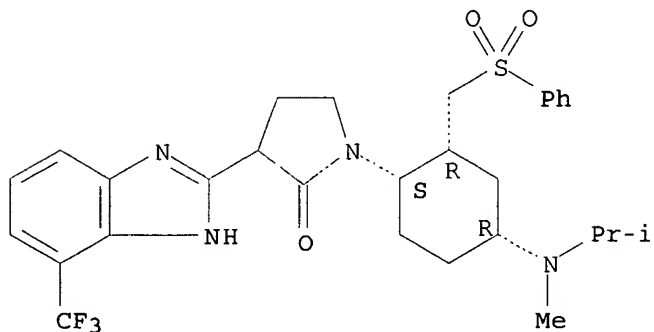
CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-67-4

CMF C29 H35 F3 N4 O3 S

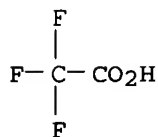
Relative stereochemistry.



CM 2

CRN 76-05-1

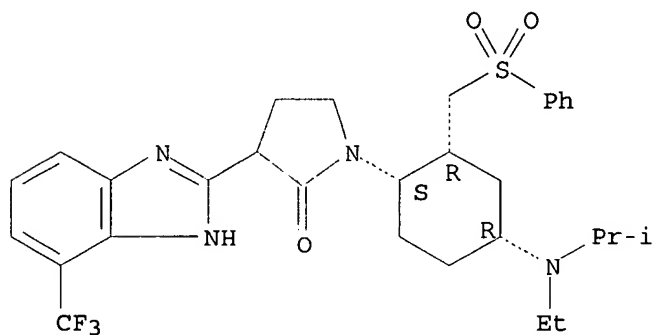
CMF C2 H F3 O2



RN 746667-70-9 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[ethyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 746667-71-0 CAPLUS

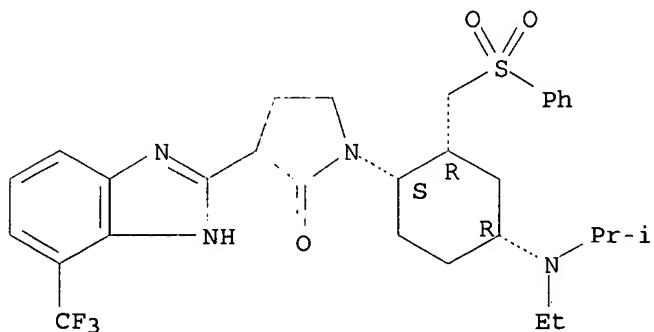
CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[ethyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-70-9

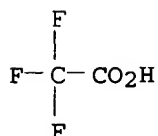
CMF C30 H37 F3 N4 O3 S

Relative stereochemistry.



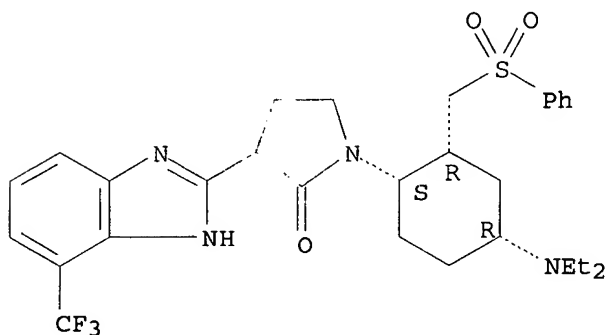
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746667-73-2 CAPLUS
CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-(diethylamino)-2-
[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-
2-yl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

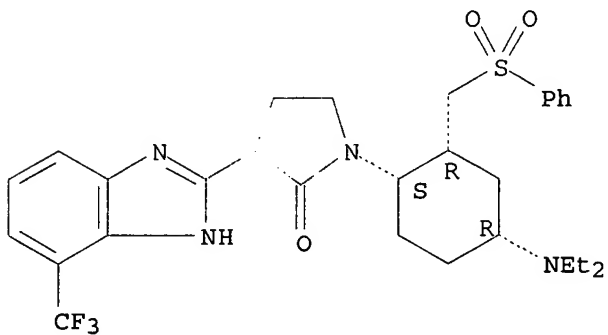


RN 746667-74-3 CAPLUS
CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-(diethylamino)-2-
[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-
2-yl]-, rel-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-73-2
CMF C29 H35 F3 N4 O3 S

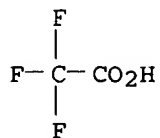
Relative stereochemistry.



CM 2

CRN 76-05-1

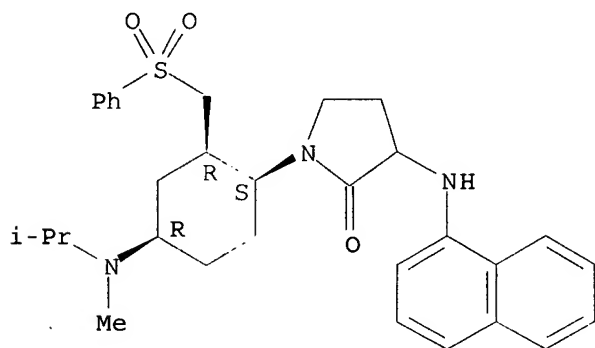
CMF C2 H F3 O2



RN 746667-76-5 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-(1-naphthalenylamino) - (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746667-77-6 CAPLUS

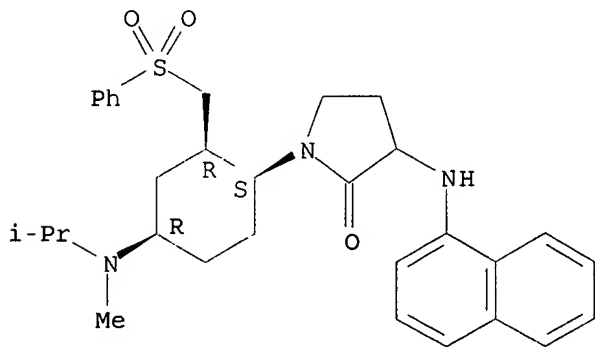
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-(1-naphthalenylamino) -, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-76-5

CMF C31 H39 N3 O3 S

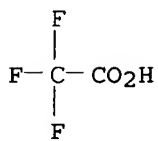
Absolute stereochemistry.



CM 2

CRN 76-05-1

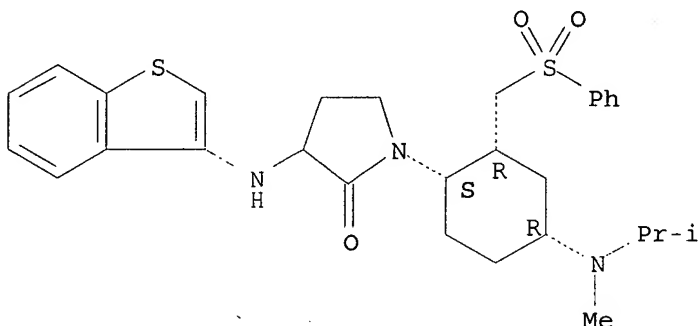
CMF C2 H F3 O2



RN 746667-79-8 CAPLUS

CN 2-Pyrrolidinone, 3-(benzo[b]thien-3-ylamino)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746667-80-1 CAPLUS

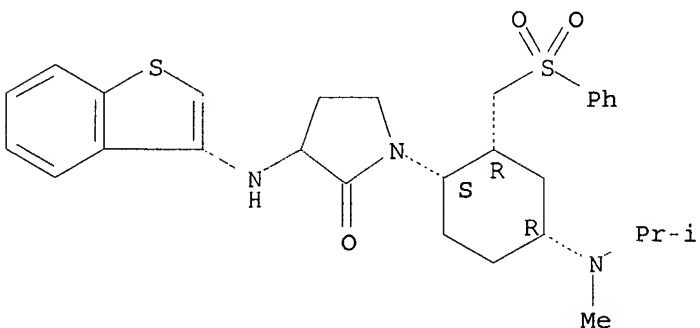
CN 2-Pyrrolidinone, 3-(benzo[b]thien-3-ylamino)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-79-8

CMF C29 H37 N3 O3 S2

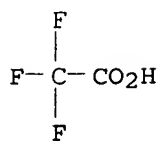
Absolute stereochemistry.



CM 2

CRN 76-05-1

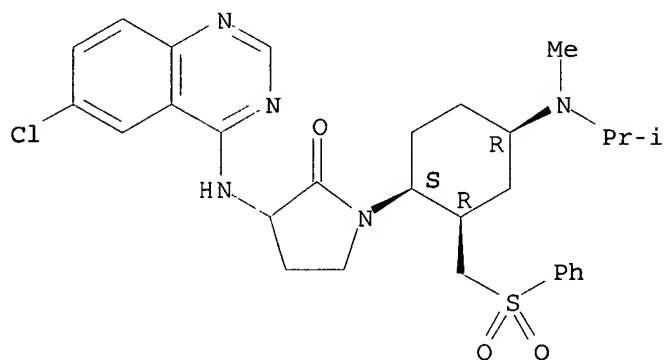
CMF C2 H F3 O2



RN 746667-82-3 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-chloro-4-quinazolinyl) amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl) amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



RN 746667-83-4 CAPLUS

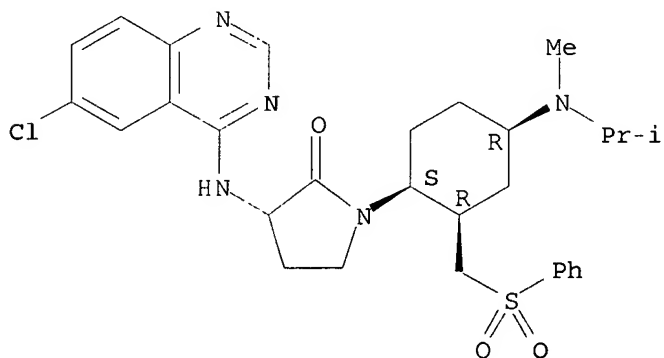
CN 2-Pyrrolidinone, 3-[(6-chloro-4-quinazolinyl) amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl) amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-82-3

CMF C29 H36 Cl N5 O3 S

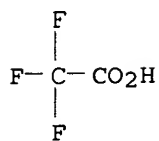
Absolute stereochemistry.



CM 2

CRN 76-05-1

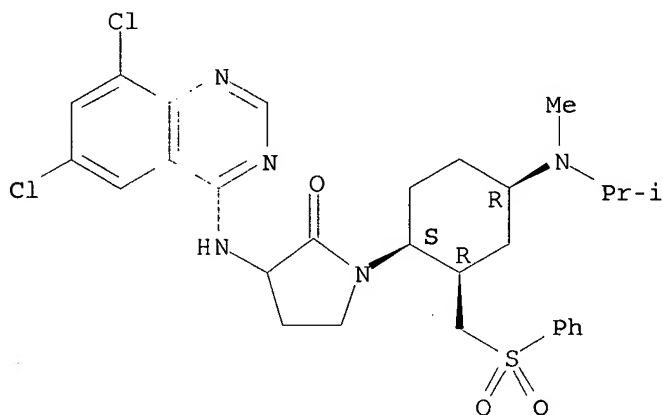
CMF C2 H F3 O2



RN 746667-85-6 CAPLUS

CN 2-Pyrrolidinone, 3-[(6,8-dichloro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



RN 746667-86-7 CAPLUS

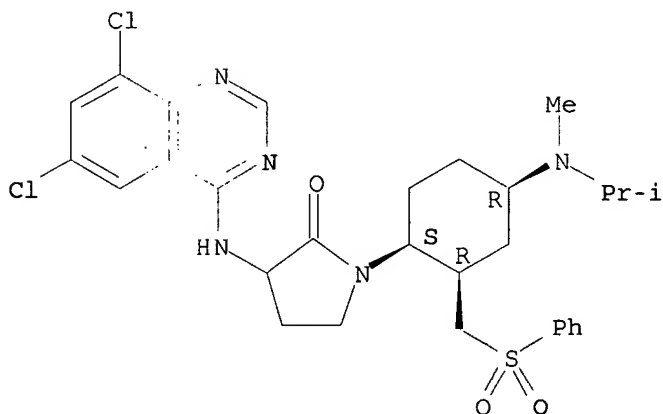
CN 2-Pyrrolidinone, 3-[(6,8-dichloro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746667-85-6

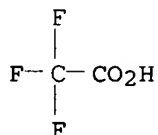
CMF C29 H35 Cl2 N5 O3 S

Absolute stereochemistry.



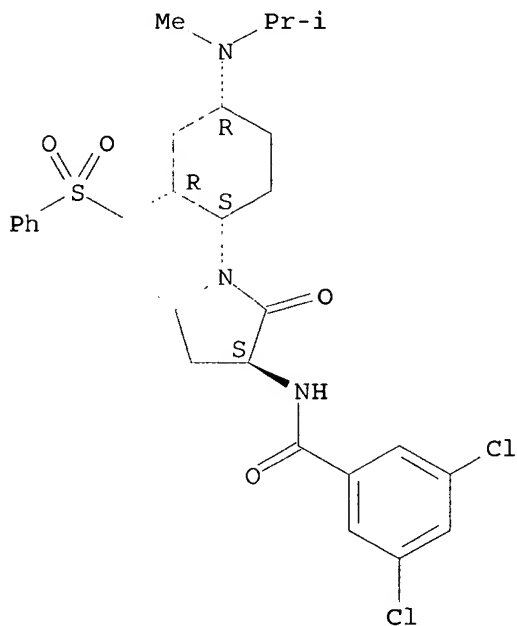
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746667-88-9 CAPLUS
CN Benzamide, 3,5-dichloro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

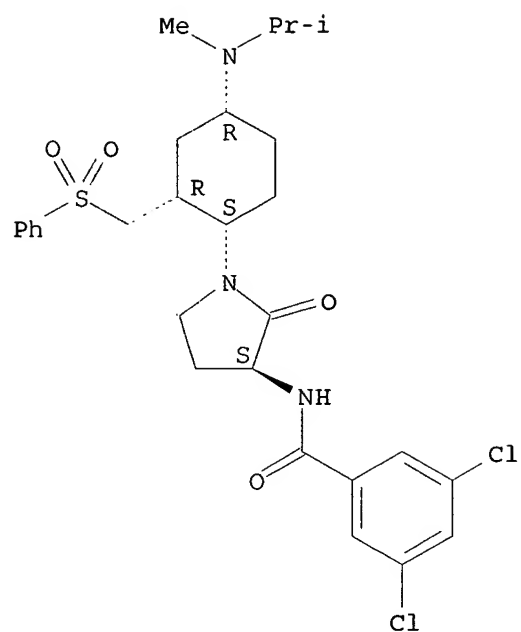


RN 746667-89-0 CAPLUS
CN Benzamide, 3,5-dichloro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746667-88-9
CMF C28 H35 Cl2 N3 O4 S

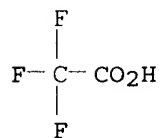
Absolute stereochemistry.



CM 2

CRN 76-05-1

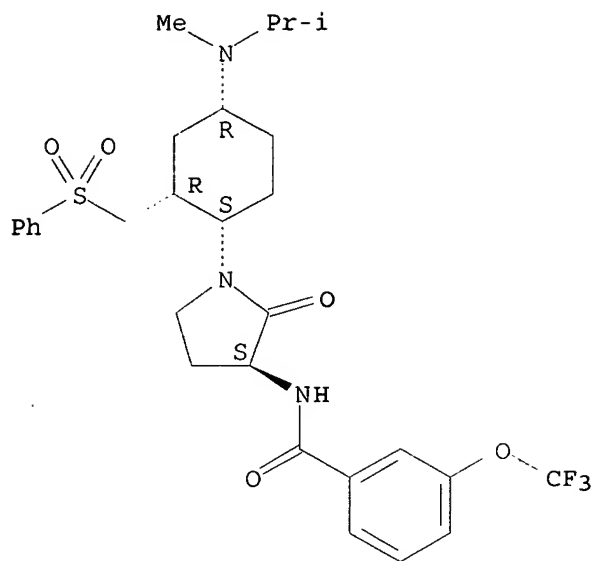
CMF C2 H F3 O2



RN 746667-91-4 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl (1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethoxy)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746667-92-5 CAPLUS

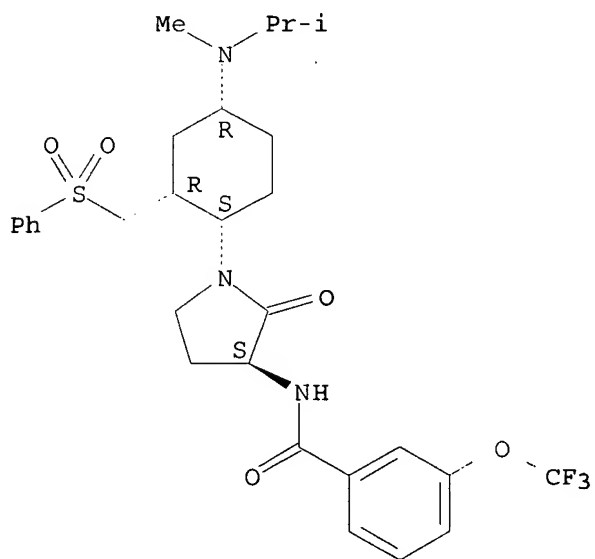
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethoxy)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746667-91-4

CMF C29 H36 F3 N3 O5 S

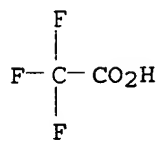
Absolute stereochemistry.



CM 2

CRN 76-05-1

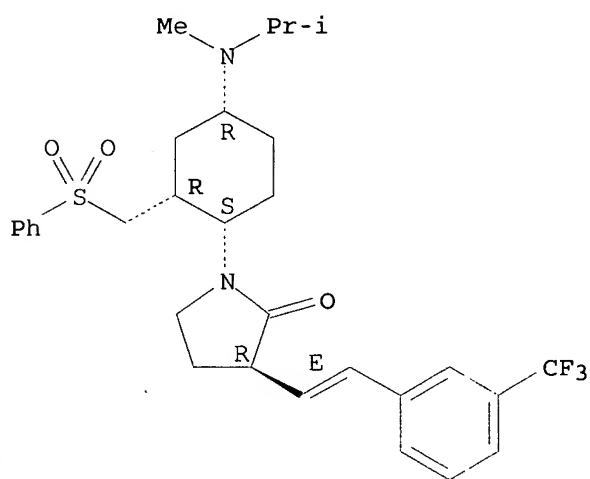
CMF C2 H F3 O2



RN 746667-94-7 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(1E)-2-[3-(trifluoromethyl)phenyl]ethenyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 746667-95-8 CAPLUS

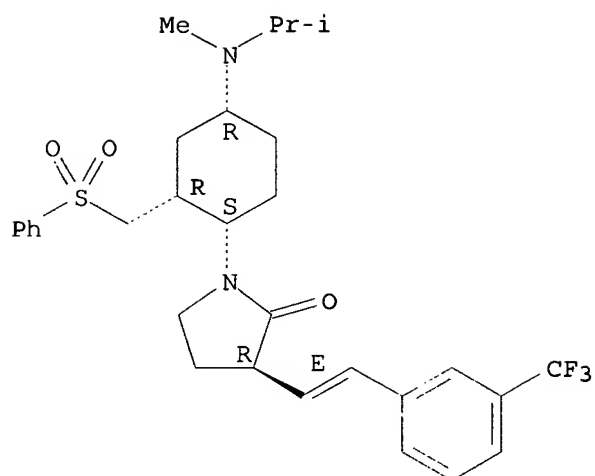
CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(1E)-2-[3-(trifluoromethyl)phenyl]ethenyl]-, (3S)-rel-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746667-94-7

CMF C30 H37 F3 N2 O3 S

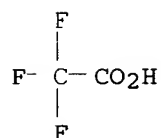
Relative stereochemistry.
Double bond geometry as shown.



CM 2

CRN 76-05-1

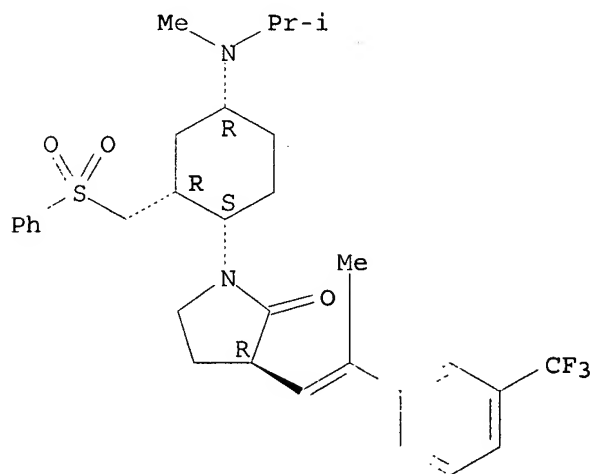
CMF C2 H F3 O2



RN 746667-97-0 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[2-[3-(trifluoromethyl)phenyl]-1-propenyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.



RN 746667-98-1 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[methyl(1-methylethyl)amino]-2-

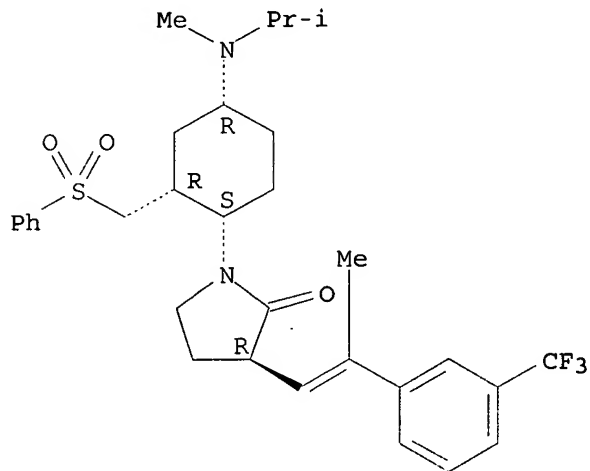
[(phenylsulfonyl)methyl]cyclohexyl]-3-[2-[3-(trifluoromethyl)phenyl]-1-propenyl]-, (3S)-rel-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746667-97-0

CMF C31 H39 F3 N2 O3 S

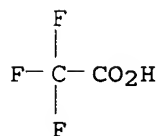
Relative stereochemistry.
Double bond geometry unknown.



CM 2

CRN 76-05-1

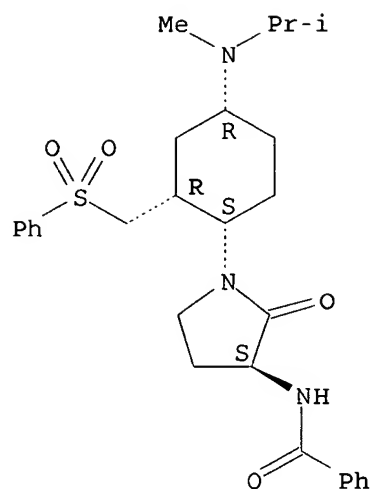
CMF C2 H F3 O2



RN 746668-00-8 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-01-9 CAPLUS

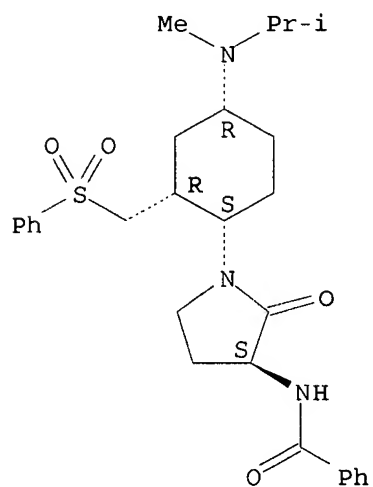
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidiny]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-00-8

CMF C28 H37 N3 O4 S

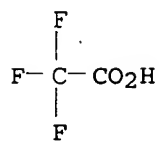
Absolute stereochemistry.



CM 2

CRN 76-05-1

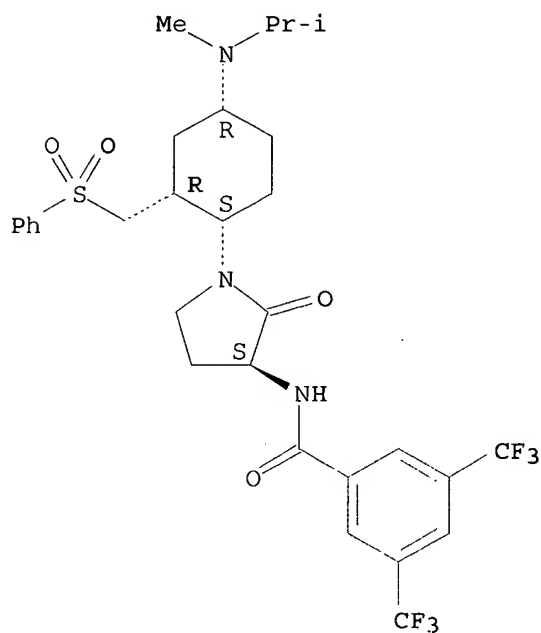
CMF C2 H F3 O2



RN 746668-03-1 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3,5-bis(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-04-2 CAPLUS

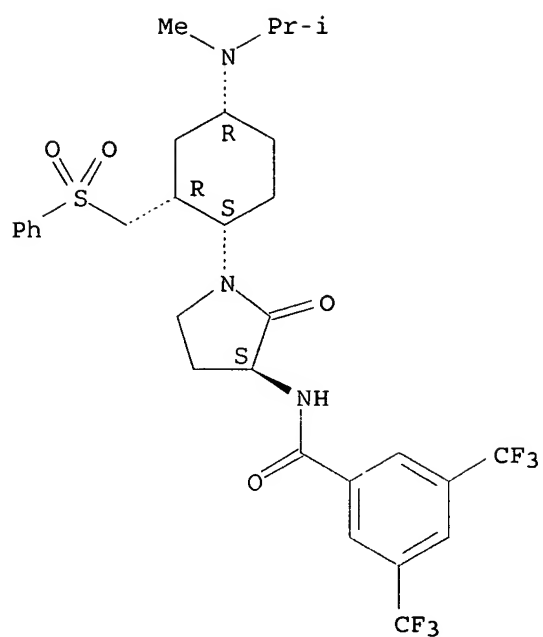
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3,5-bis(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-03-1

CMF C30 H35 F6 N3 O4 S

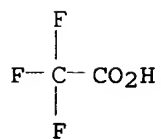
Absolute stereochemistry.



CM 2

CRN 76-05-1

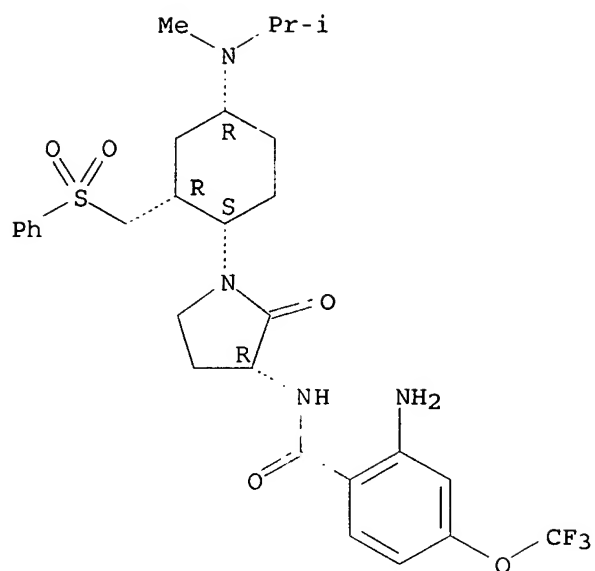
CMF C2 H F3 O2



RN 746668-06-4 CAPLUS

CN Benzamide, 2-amino-N-[(3R)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-07-5 CAPLUS

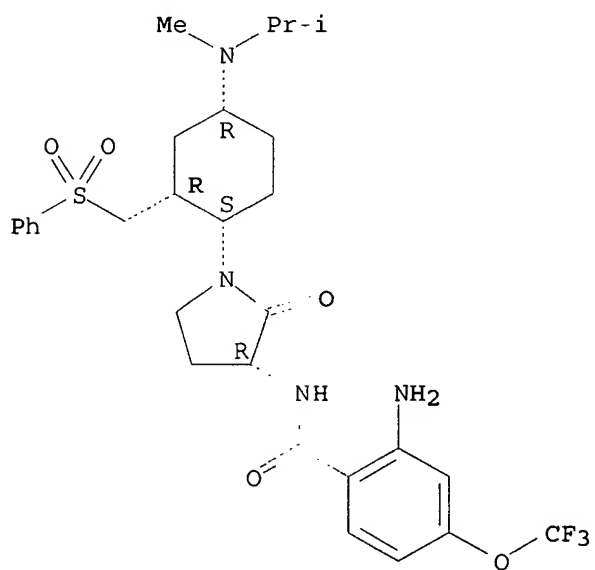
CN Benzamide, 2-amino-N-[(3R)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-4-(trifluoromethoxy)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-06-4

CMF C29 H37 F3 N4 O5 S

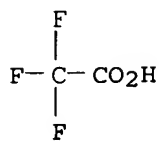
Absolute stereochemistry.



CM 2

CRN 76-05-1

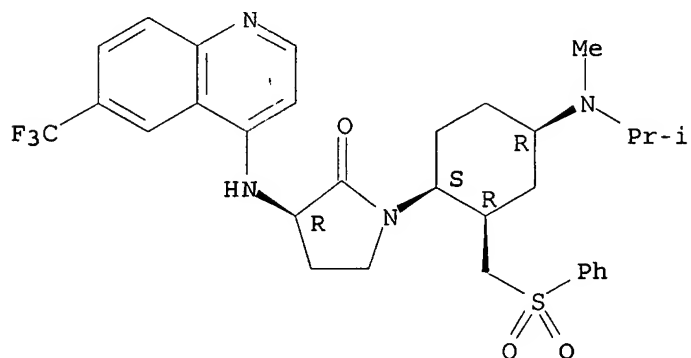
CMF C2 H F3 O2



RN 746668-09-7 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[6-(trifluoromethyl)-4-quinolinyl]amino]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-10-0 CAPLUS

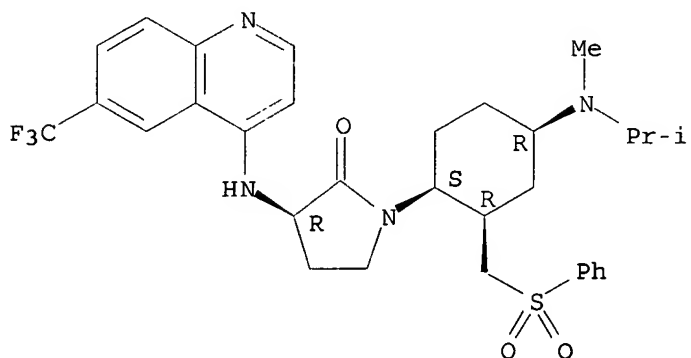
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[6-(trifluoromethyl)-4-quinolinyl]amino]-, (3R)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-09-7

CMF C31 H37 F3 N4 O3 S

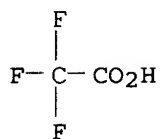
Absolute stereochemistry.



CM 2

CRN 76-05-1

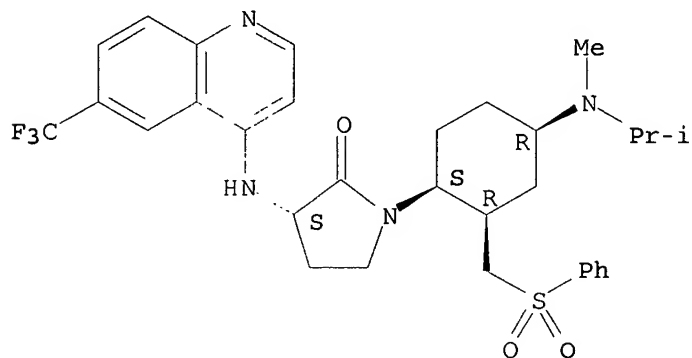
CMF C2 H F3 O2



RN 746668-12-2 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[6-(trifluoromethyl)-4-quinolinyl]amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-13-3 CAPLUS

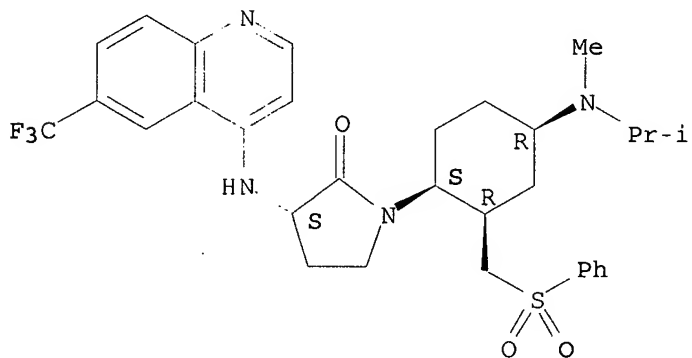
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[6-(trifluoromethyl)-4-quinolinyl]amino]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-12-2

CMF C31 H37 F3 N4 O3 S

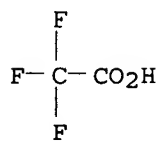
Absolute stereochemistry.



CM 2

CRN 76-05-1

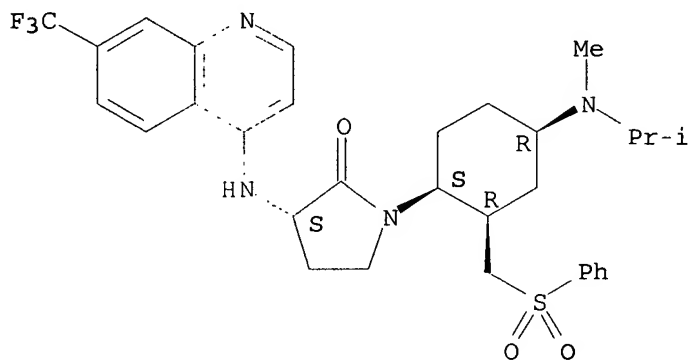
CMF C2 H F3 O2



RN 746668-15-5 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[7-(trifluoromethyl)-4-quinolinyl]amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-16-6 CAPLUS

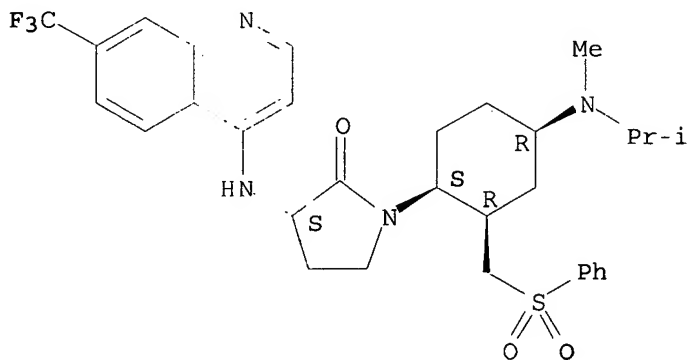
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[7-(trifluoromethyl)-4-quinolinyl]amino]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-15-5

CMF C31 H37 F3 N4 O3 S

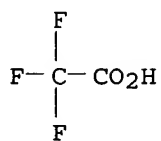
Absolute stereochemistry.



CM 2

CRN 76-05-1

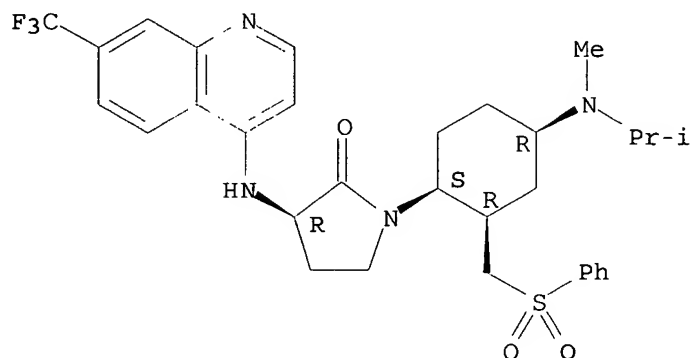
CMF C2 H F3 O2



RN 746668-18-8 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[7-(trifluoromethyl)-4-quinolinyl]amino]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-19-9 CAPLUS

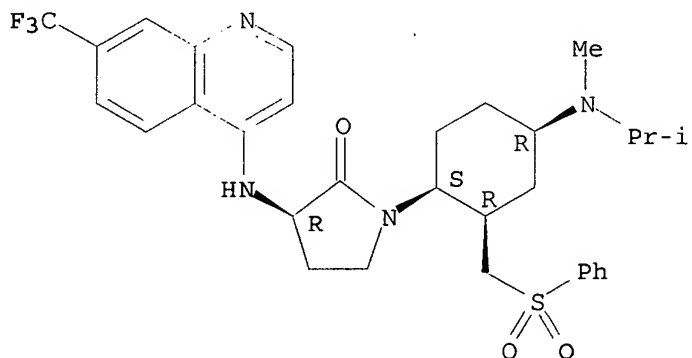
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[7-(trifluoromethyl)-4-quinolinyl]amino]-, (3R)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-18-8

CMF C31 H37 F3 N4 O3 S

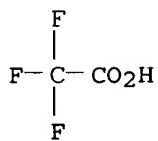
Absolute stereochemistry.



CM 2

CRN 76-05-1

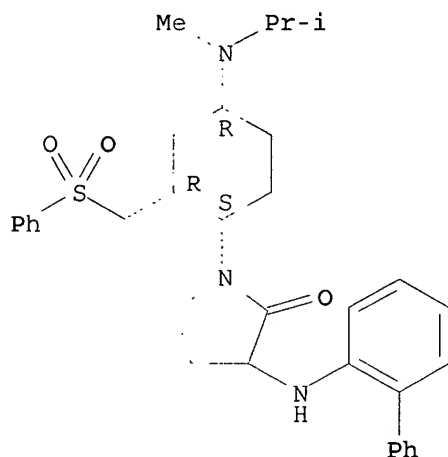
CMF C2 H F3 O2



RN 746668-21-3 CAPLUS

CN 2-Pyrrolidinone, 3-([1,1'-biphenyl]-2-ylamino)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-22-4 CAPLUS

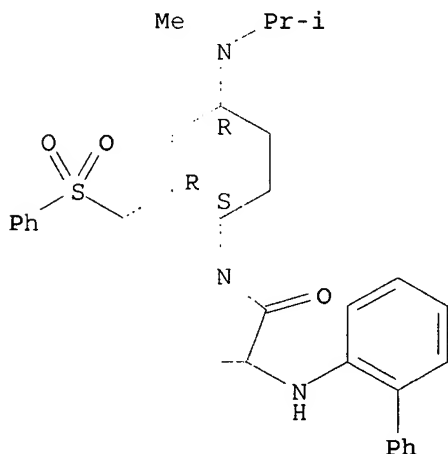
CN 2-Pyrrolidinone, 3-([1,1'-biphenyl]-2-ylamino)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-21-3

CMF C33 H41 N3 O3 S

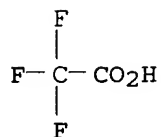
Absolute stereochemistry.



CM 2

CRN 76-05-1

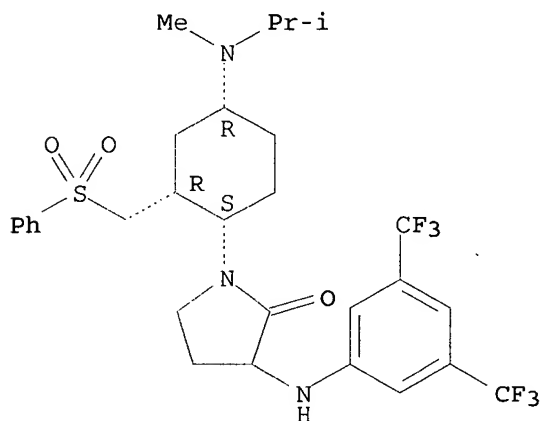
CMF C2 H F3 O2



RN 746668-24-6 CAPLUS

CN 2-Pyrrolidinone, 3-[[3,5-bis(trifluoromethyl)phenyl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



RN 746668-25-7 CAPLUS

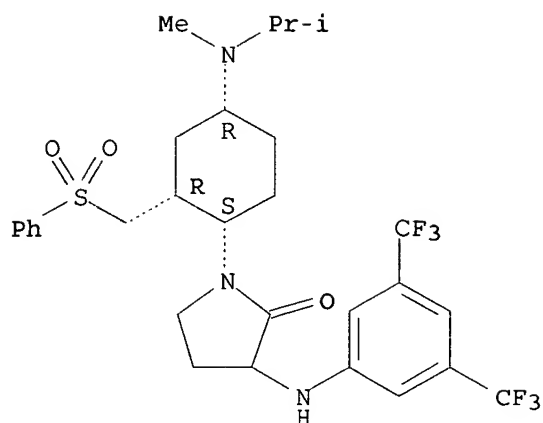
CN 2-Pyrrolidinone, 3-[[3,5-bis(trifluoromethyl)phenyl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-24-6

CMF C29 H35 F6 N3 O3 S

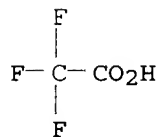
Absolute stereochemistry.



CM 2

CRN 76-05-1

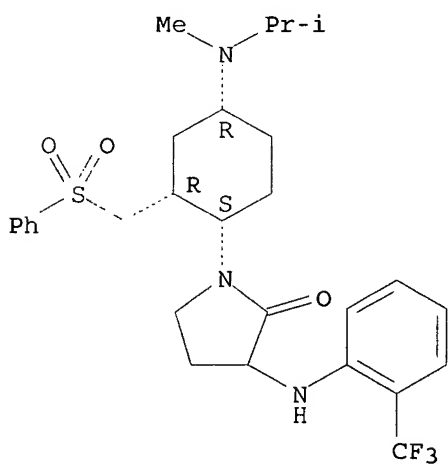
CMF C2 H F3 O2



RN 746668-27-9 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-(trifluoromethyl)phenyl]amino]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



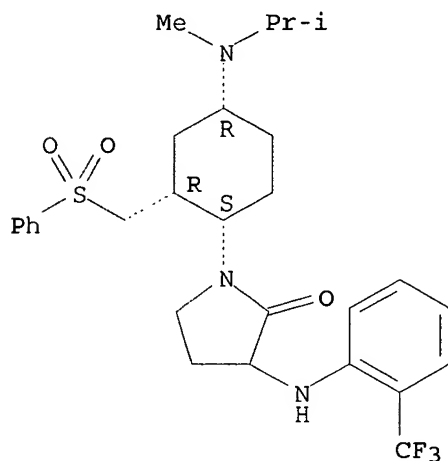
RN 746668-28-0 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-(trifluoromethyl)phenyl]amino]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

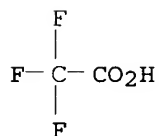
CRN 746668-27-9
CMF C28 H36 F3 N3 O3 S

Absolute stereochemistry.



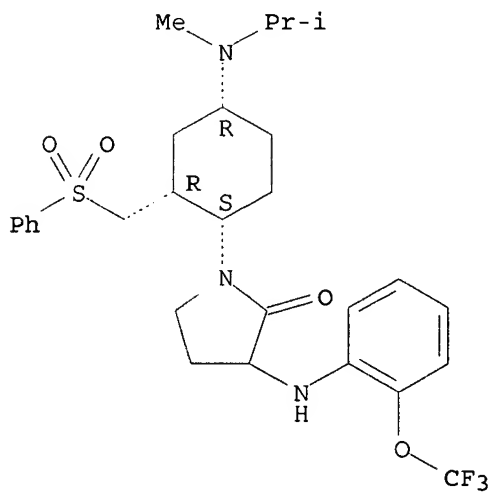
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746668-30-4 CAPLUS
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-
[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-(trifluoromethoxy)phenyl]amino]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-31-5 CAPLUS

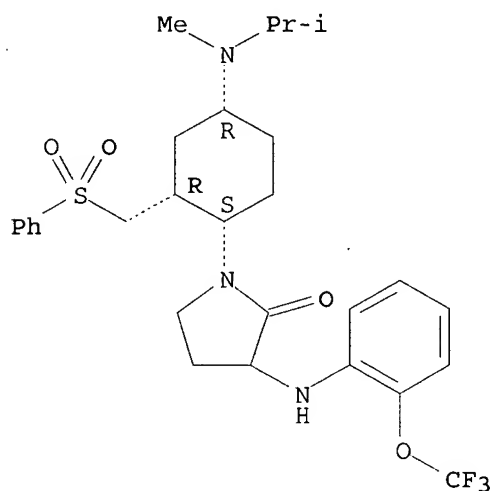
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-
[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-(trifluoromethoxy)phenyl]amino]-
, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-30-4

CMF C28 H36 F3 N3 O4 S

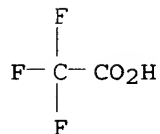
Absolute stereochemistry.



CM 2

CRN 76-05-1

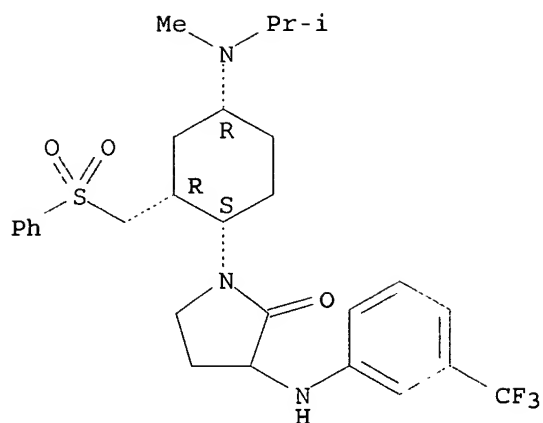
CMF C2 H F3 O2



RN 746668-33-7 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-
[(phenylsulfonyl)methyl]cyclohexyl]-3-[[3-(trifluoromethyl)phenyl]amino]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-34-8 CAPLUS

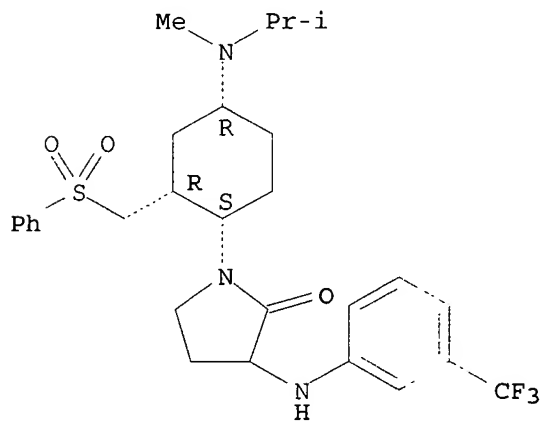
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[3-(trifluoromethyl)phenyl]amino]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-33-7

CMF C28 H36 F3 N3 O3 S

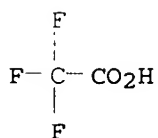
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2

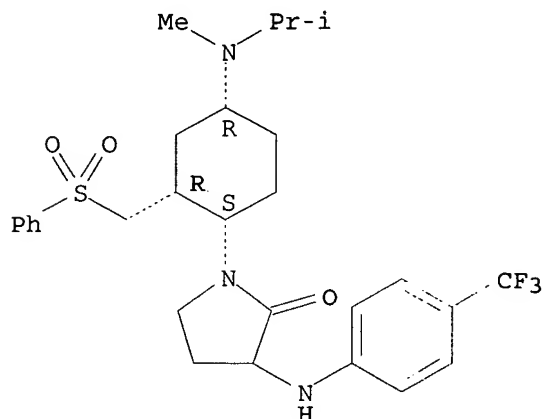


RN 746668-36-0 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-

[(phenylsulfonyl)methyl]cyclohexyl]-3-[[4-(trifluoromethyl)phenyl]amino]-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-37-1 CAPLUS

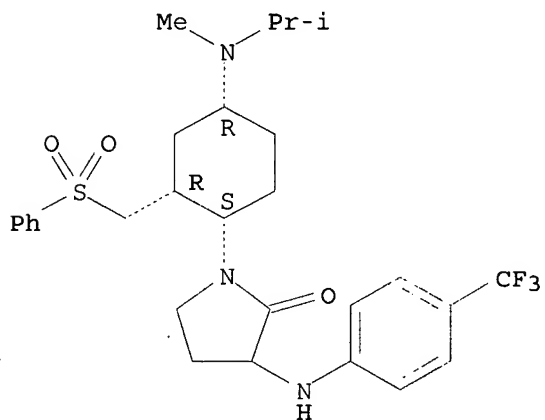
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-
[(phenylsulfonyl)methyl]cyclohexyl]-3-[[4-(trifluoromethyl)phenyl]amino]-,
trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-36-0

CMF C28 H36 F3 N3 O3 S

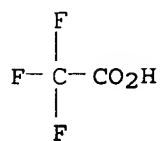
Absolute stereochemistry.



CM 2

CRN 76-05-1

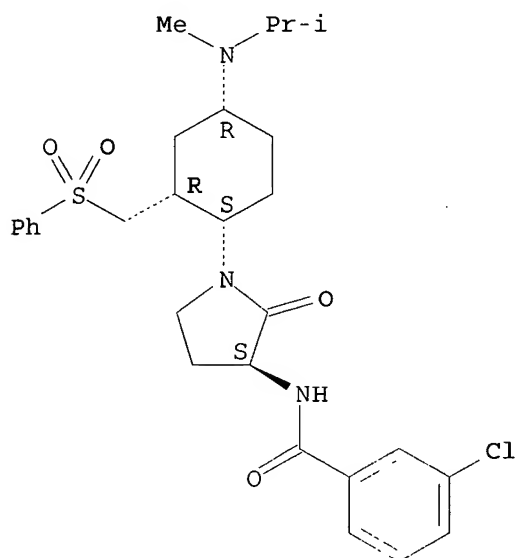
CMF C2 H F3 O2



RN 746668-39-3 CAPLUS

CN Benzamide, 3-chloro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-40-6 CAPLUS

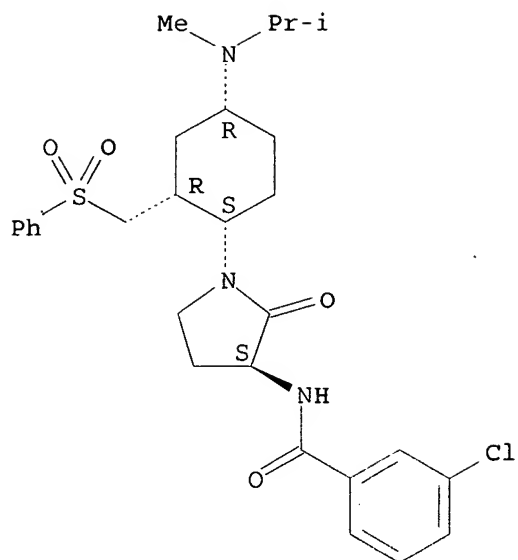
CN Benzamide, 3-chloro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-39-3

CMF C28 H36 Cl N3 O4 S

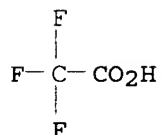
Absolute stereochemistry.



CM 2

CRN 76-05-1

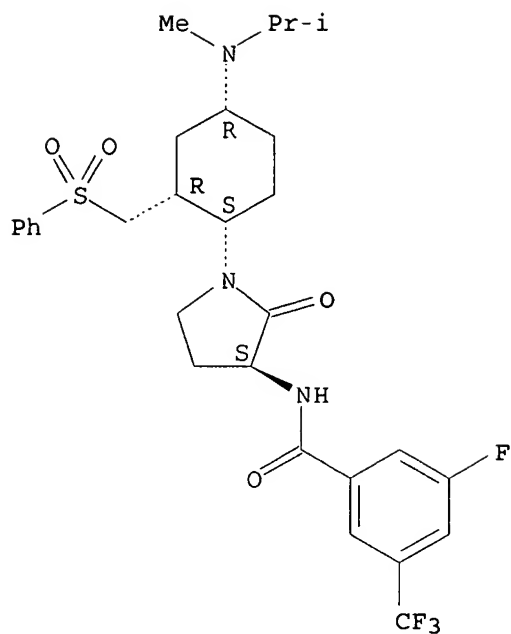
CMF C2 H F3 O2



RN 746668-42-8 CAPLUS

CN Benzamide, 3-fluoro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-43-9 CAPLUS

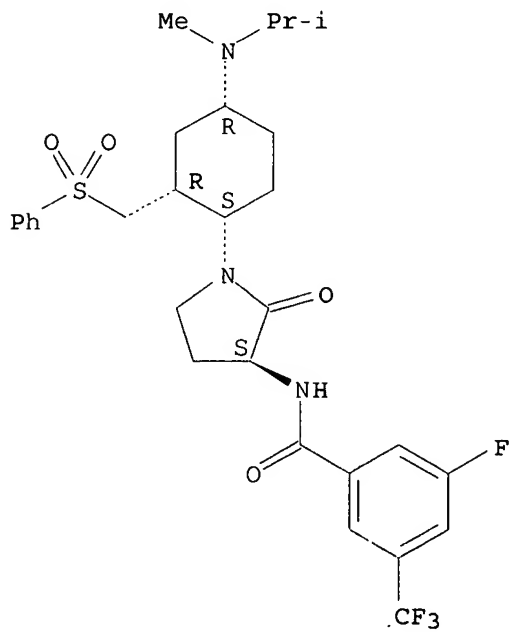
CN Benzamide, 3-fluoro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-42-8

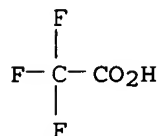
CMF C29 H35 F4 N3 O4 S

Absolute stereochemistry.



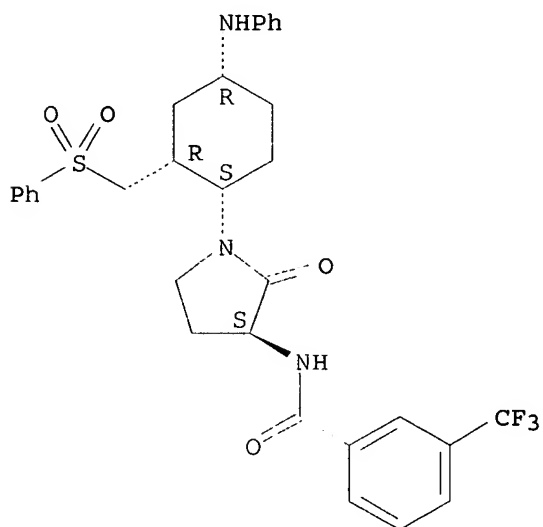
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746668-47-3 CAPLUS
CN Benzamide, N-[(3S)-2-oxo-1-[(1S,2R,4R)-4-(phenylamino)-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-pyrrolidinyl]-3-(trifluoromethyl)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

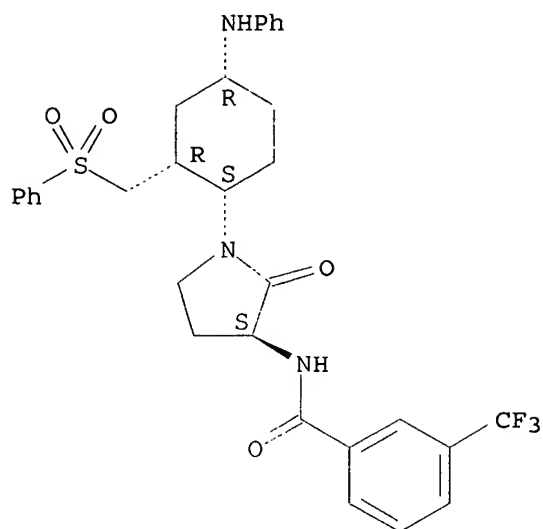


RN 746668-48-4 CAPLUS
CN Benzamide, N-[(3S)-2-oxo-1-[(1S,2R,4R)-4-(phenylamino)-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-pyrrolidinyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-47-3
CMF C31 H32 F3 N3 O4 S

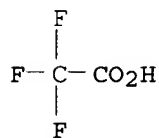
Absolute stereochemistry.



CM 2

CRN 76-05-1

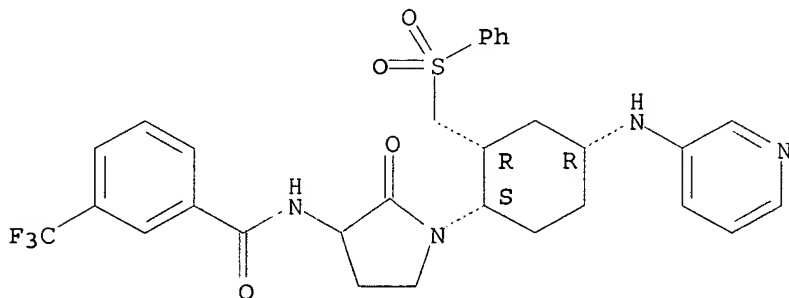
CMF C2 H F3 O2



RN 746668-50-8 CAPLUS

CN Benzamide, N-[2-oxo-1-[(1S,2R,4R)-2-[(phenylsulfonyl)methyl]-4-(3-pyridinylamino)cyclohexyl]-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



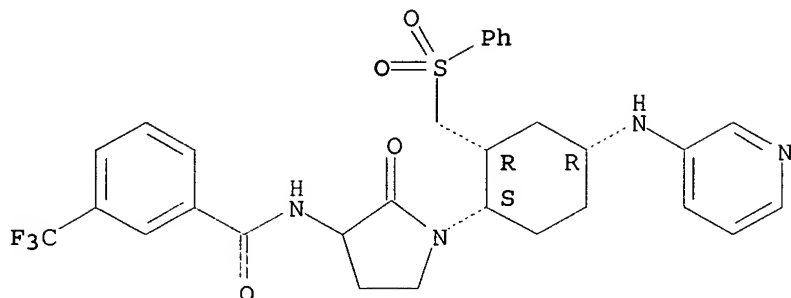
RN 746668-51-9 CAPLUS

CN Benzamide, N-[2-oxo-1-[(1S,2R,4R)-2-[(phenylsulfonyl)methyl]-4-(3-pyridinylamino)cyclohexyl]-3-pyrrolidinyl]-3-(trifluoromethyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

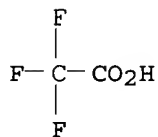
CRN 746668-50-8
CMF C30 H31 F3 N4 O4 S

Absolute stereochemistry.



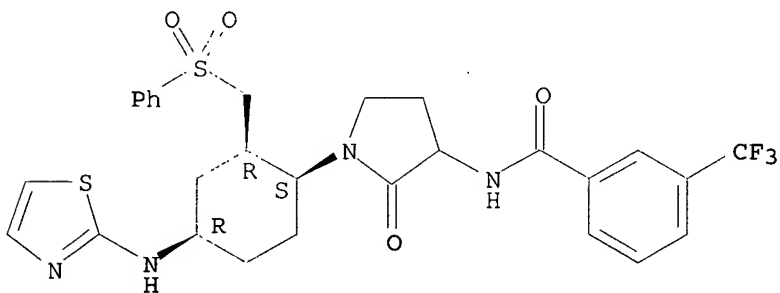
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746668-52-0 CAPLUS
CN Benzamide, N-[2-oxo-1-[(1S,2R,4R)-2-[(phenylsulfonyl)methyl]-4-(2-thiazolylamino)cyclohexyl]-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

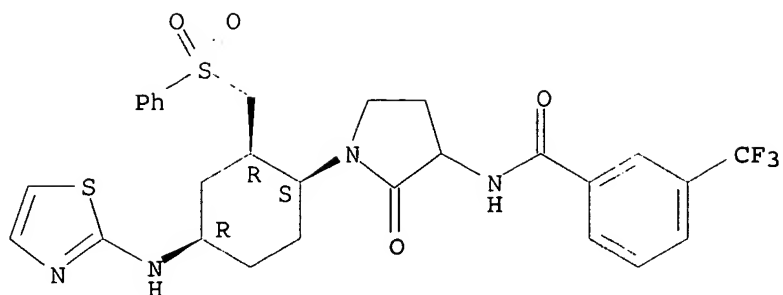


RN 746668-53-1 CAPLUS
CN Benzamide, N-[2-oxo-1-[(1S,2R,4R)-2-[(phenylsulfonyl)methyl]-4-(2-thiazolylamino)cyclohexyl]-3-pyrrolidinyl]-3-(trifluoromethyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-52-0
CMF C28 H29 F3 N4 O4 S2

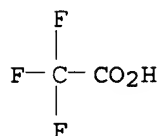
Absolute stereochemistry.



CM 2

CRN 76-05-1

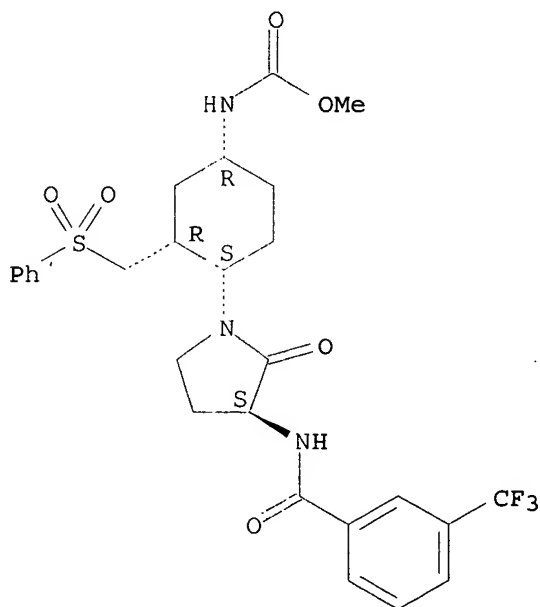
CMF C2 H F3 O2



RN 746668-54-2 CAPLUS

CN Carbamic acid, [(1R,3R,4S)-4-[(3S)-2-oxo-3-[[3-(trifluoromethyl)benzoyl]amino]-1-pyrrolidinyl]-3-[(phenylsulfonyl)methyl]cyclohexyl]-, methyl ester (9CI) (CA INDEX NAME)

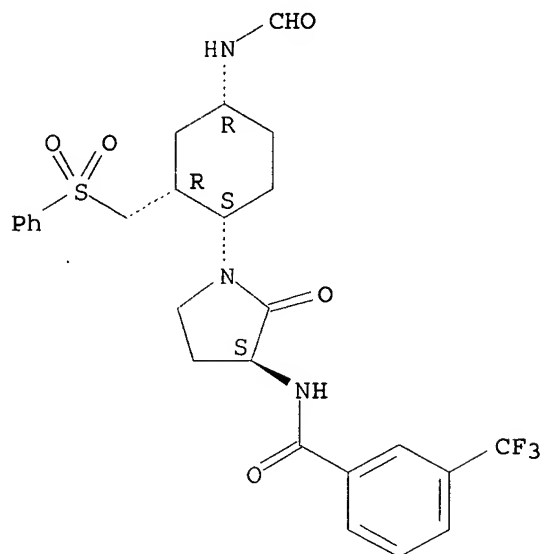
Absolute stereochemistry.



RN 746668-56-4 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-(formylamino)-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

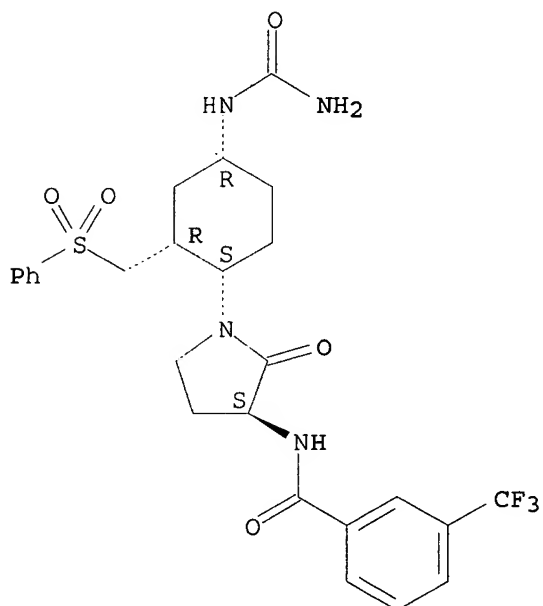
Absolute stereochemistry.



RN 746668-58-6 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[(aminocarbonyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

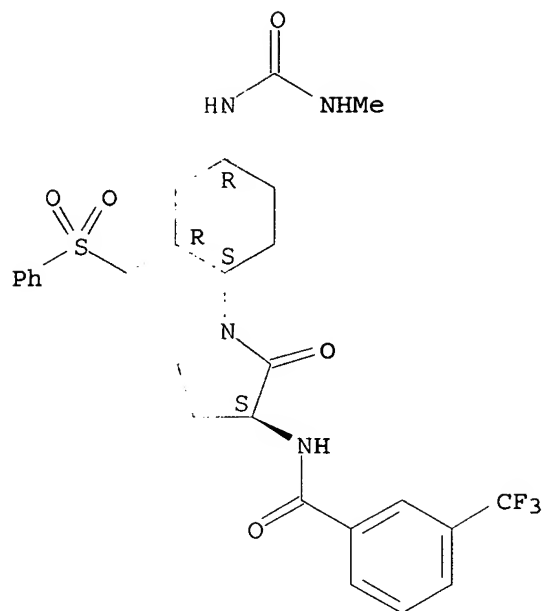
Absolute stereochemistry.



RN 746668-60-0 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[[(methylamino) carbonyl] amino] -2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

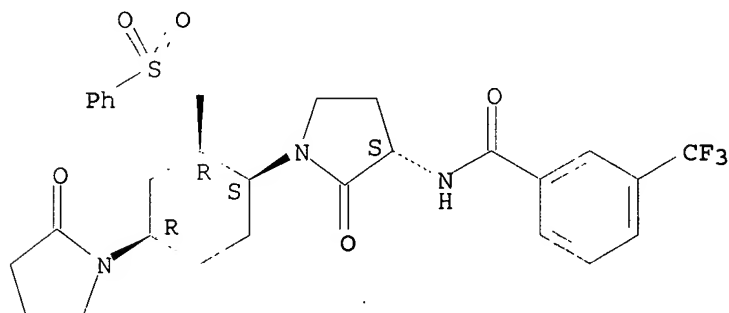
Absolute stereochemistry.



RN 746668-62-2 CAPLUS

CN Benzamide, N-[(3S)-2-oxo-1-[(1S,2R,4R)-4-(2-oxo-1-pyrrolidinyl)-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

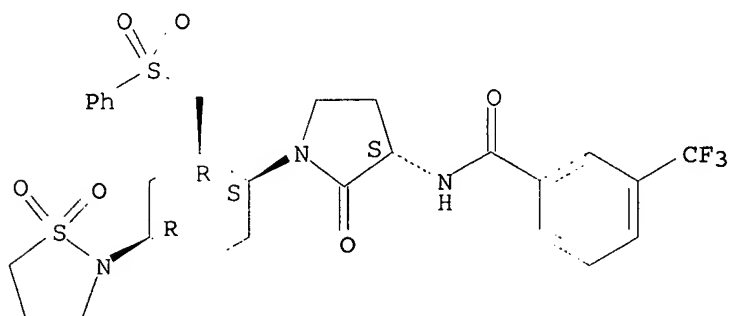
Absolute stereochemistry.



RN 746668-64-4 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-(1,1-dioxido-2-isothiazolidinyl)-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

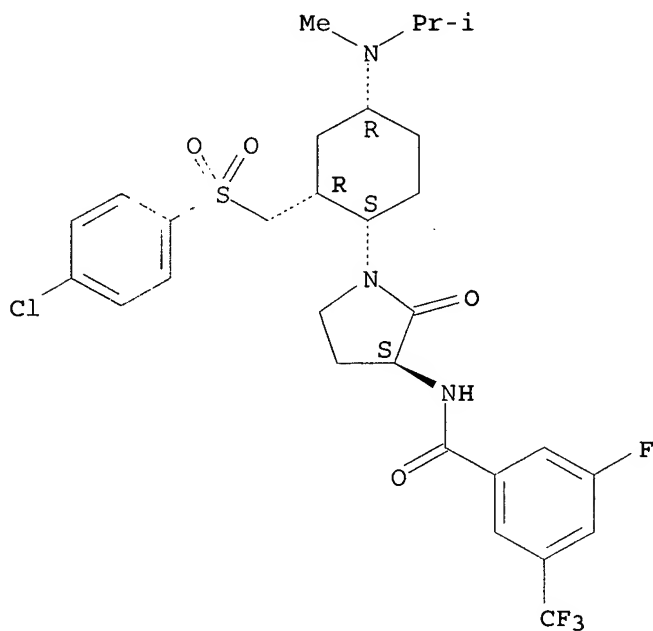
Absolute stereochemistry.



RN 746668-65-5 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-fluoro-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

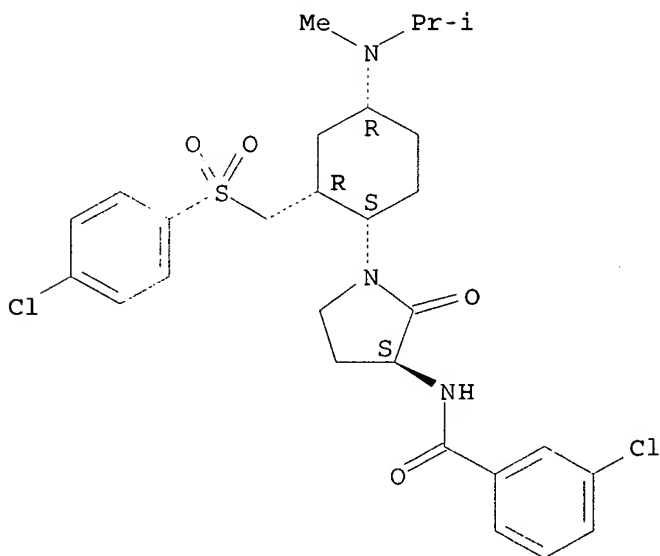
Absolute stereochemistry.



RN 746668-68-8 CAPLUS

CN Benzamide, 3-chloro-N-[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

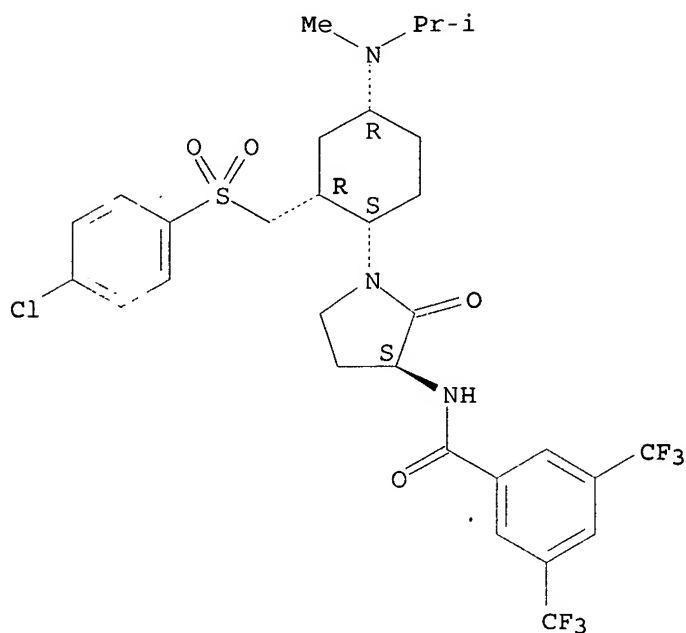


RN 746668-71-3 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3,5-bis(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

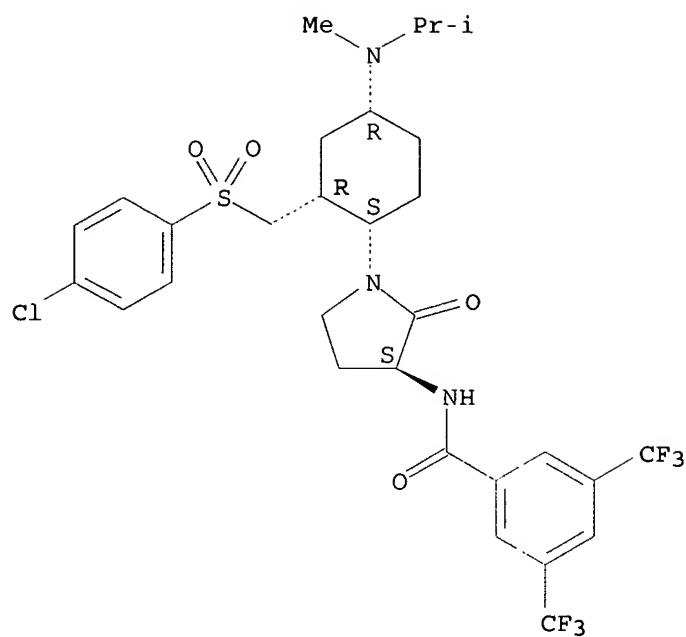


RN 746668-72-4 CAPLUS
 CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3,5-bis(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-71-3
 CMF C30 H34 Cl F6 N3 O4 S

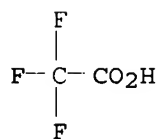
Absolute stereochemistry.



CM 2

CRN 76-05-1

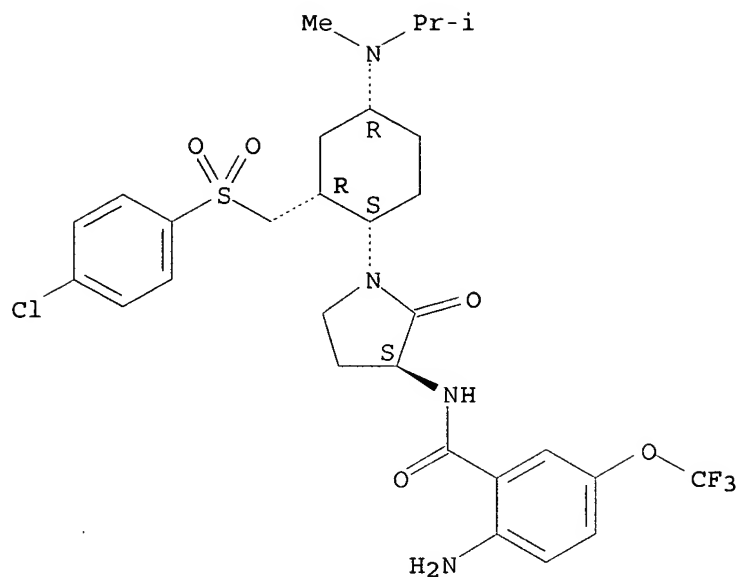
CMF C2 H F3 O2



RN 746668-76-8 CAPLUS

CN Benzamide, 2-amino-N-[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl)sulfonyl)methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidiny]-5-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-77-9 CAPLUS

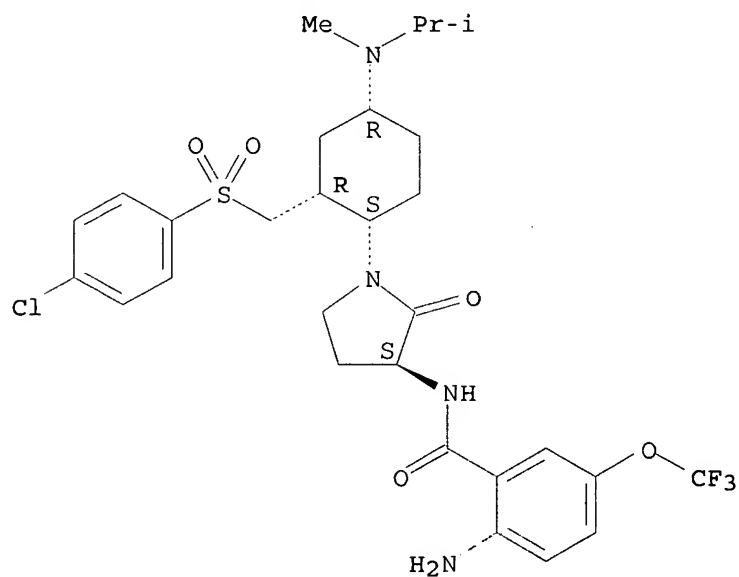
CN Benzamide, 2-amino-N-[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl)sulfonyl)methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-(trifluoromethoxy)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746668-76-8

CMF C29 H36 Cl F3 N4 O5 S

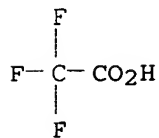
Absolute stereochemistry.



CM 2

CRN 76-05-1

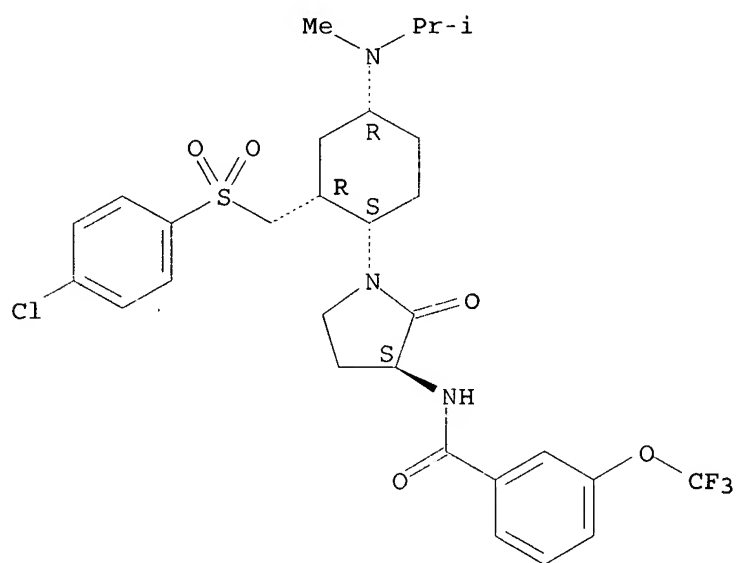
CMF C2 H F3 O2



RN 746668-79-1 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethoxy)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-80-4 CAPLUS

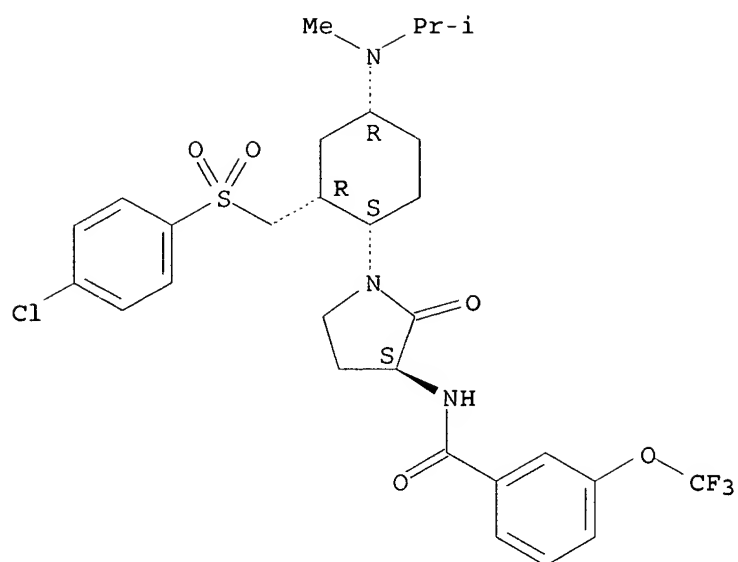
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethoxy)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-79-1

CMF C29 H35 Cl F3 N3 O5 S

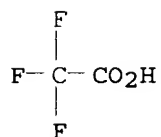
Absolute stereochemistry.



CM 2

CRN 76-05-1

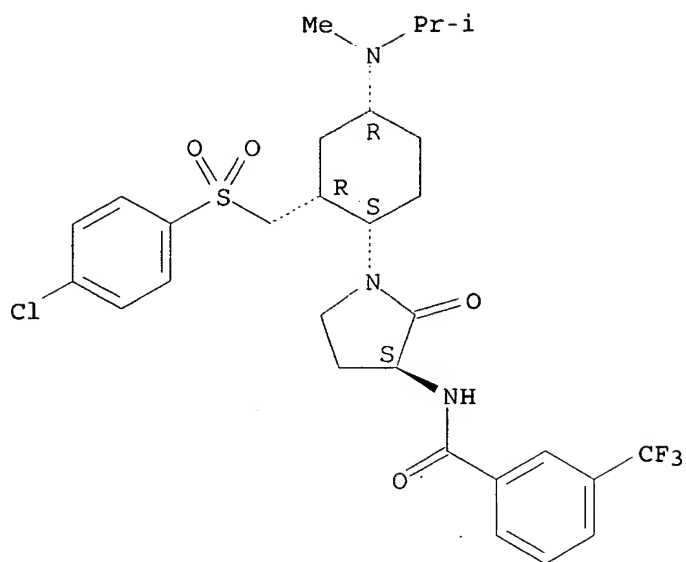
CMF C2 H F3 O2



RN 746668-82-6 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

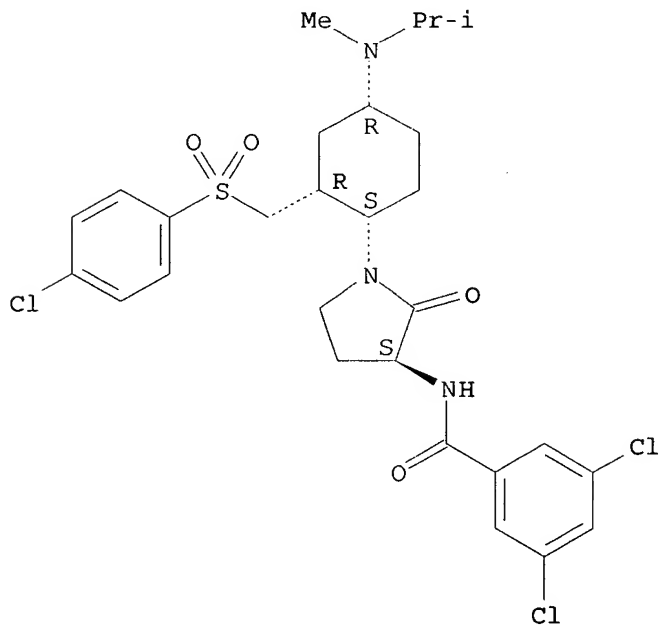
Absolute stereochemistry.



RN 746668-85-9 CAPLUS

CN Benzamide, 3,5-dichloro-N-[(3S)-1-[(1S,2R,4R)-2-[[4-(4-chlorophenyl)sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-86-0 CAPLUS

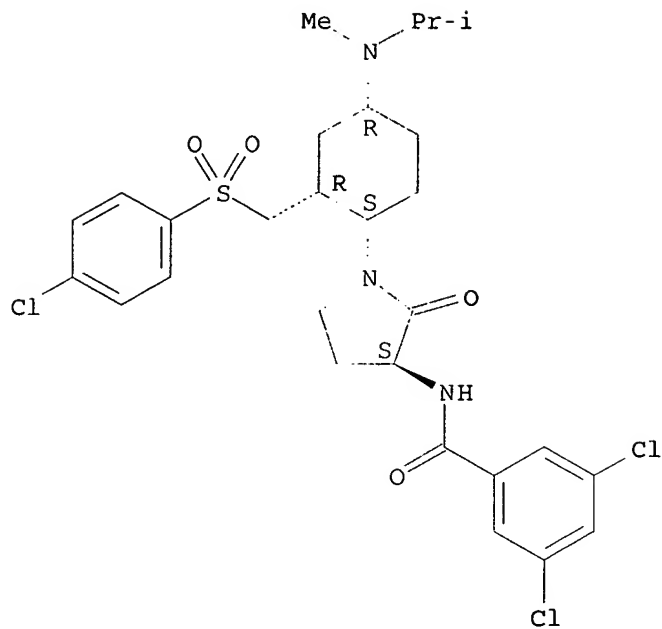
CN Benzamide, 3,5-dichloro-N-[(3S)-1-[(1S,2R,4R)-2-[[4-(4-chlorophenyl)sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-85-9

CMF C28 H34 Cl3 N3 O4 S

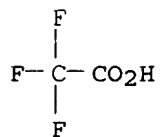
Absolute stereochemistry.



CM 2

CRN 76-05-1

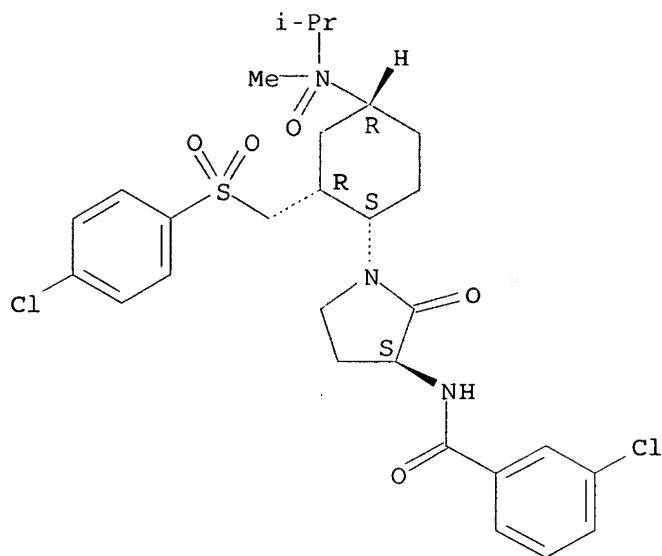
CMF C2 H F3 O2



RN 746668-88-2 CAPLUS

CN Benzamide, 3-chloro-N-[(3S)-1-[(1S,2R,4R)-2-[[[4-chlorophenyl)sulfonyl)methyl]-4-[methyl(1-methylethyl)oxidoamino]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

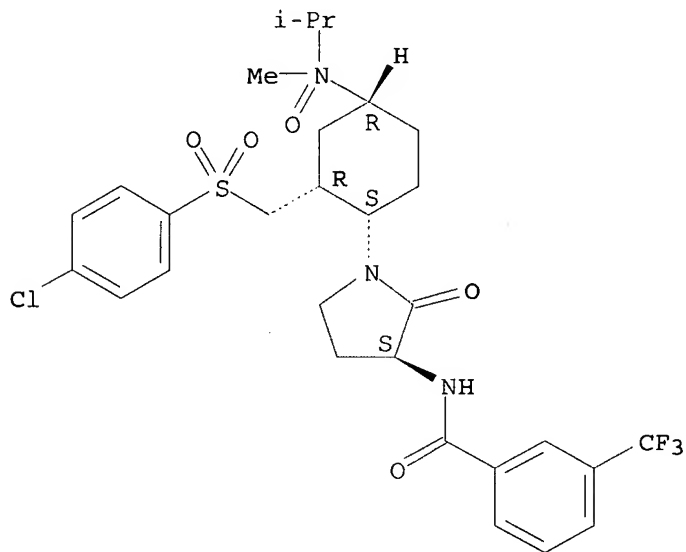
Absolute stereochemistry.



RN 746668-90-6 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl)sulfonyl]methyl]-4-[methyl(1-methylethyl)oxidoamino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

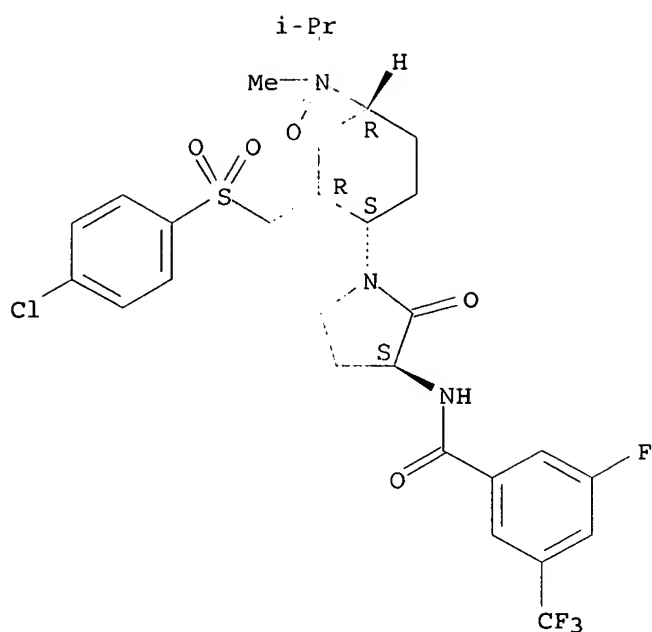
Absolute stereochemistry.



RN 746668-91-7 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl)sulfonyl]methyl]-4-[methyl(1-methylethyl)oxidoamino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-fluoro-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

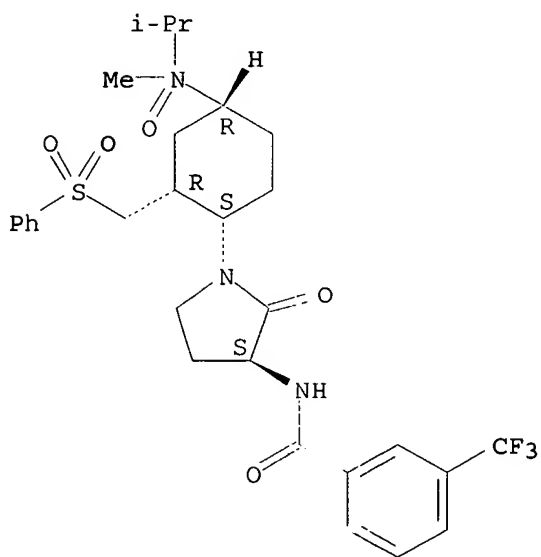
Absolute stereochemistry.



RN 746668-93-9 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)oxidoamino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

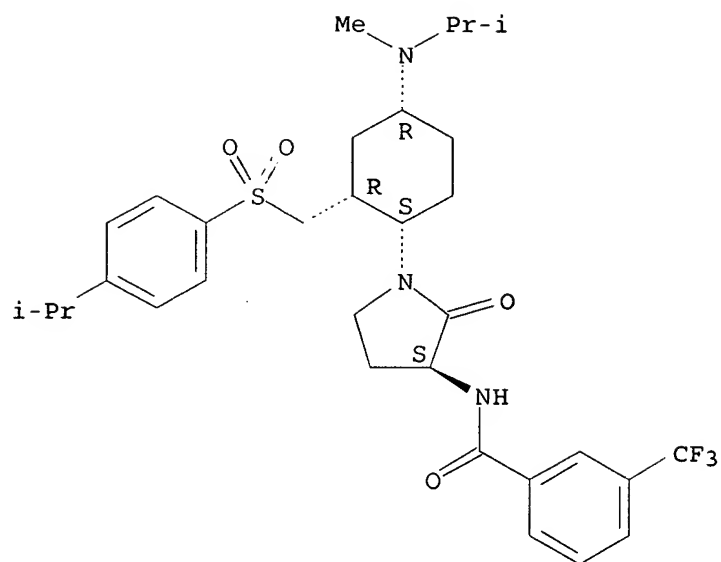
Absolute stereochemistry.



RN 746668-95-1 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-(1-methylethyl)phenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-96-2 CAPLUS

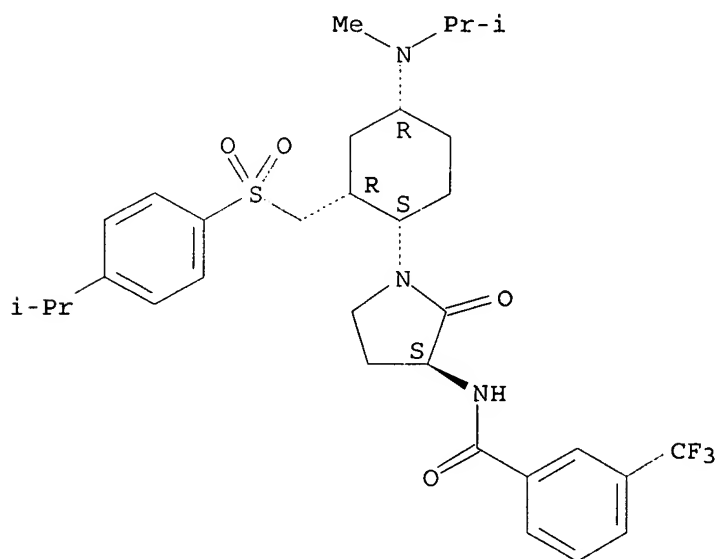
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-(1-methylethyl)phenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-95-1

CMF C32 H42 F3 N3 O4 S

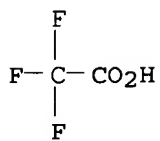
Absolute stereochemistry.



CM 2

CRN 76-05-1

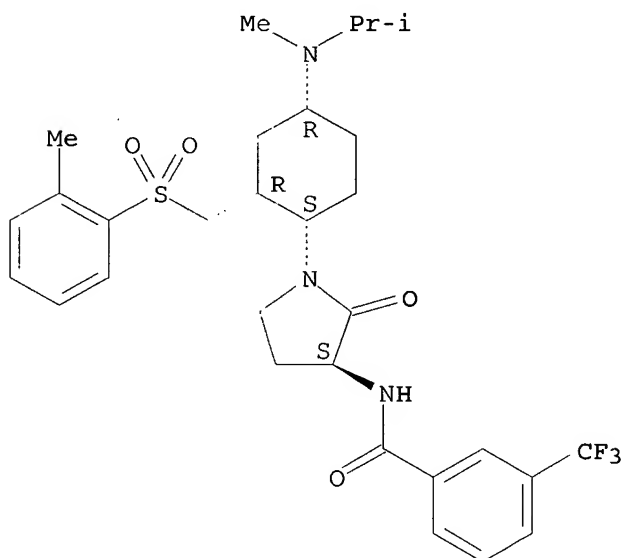
CMF C2 H F3 O2



RN 746668-98-4 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[2-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746668-99-5 CAPLUS

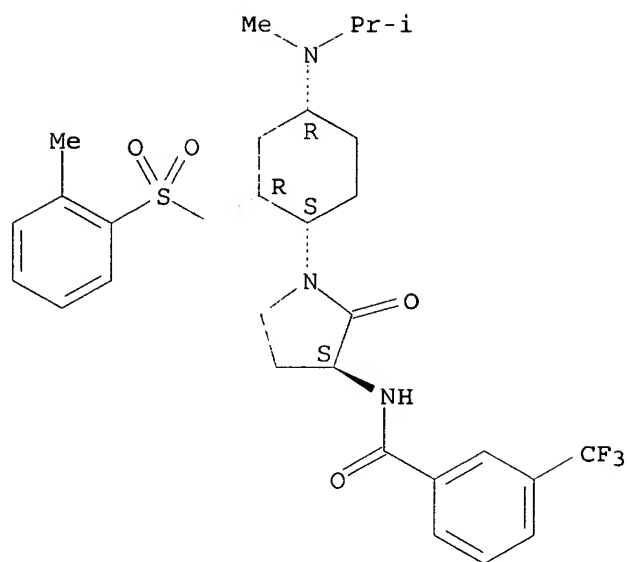
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[2-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746668-98-4

CMF C30 H38 F3 N3 O4 S

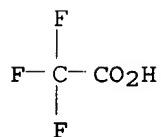
Absolute stereochemistry.



CM 2

CRN 76-05-1

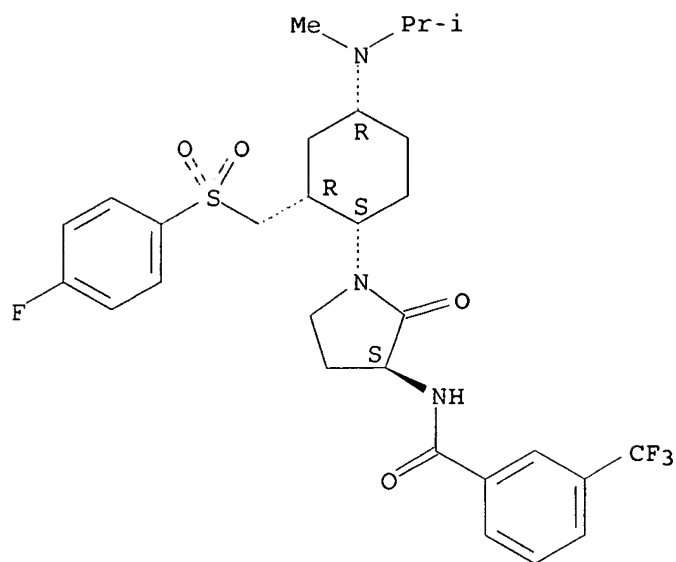
CMF C2 H F3 O2



RN 746669-01-2 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[4-(4-fluorophenyl)sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



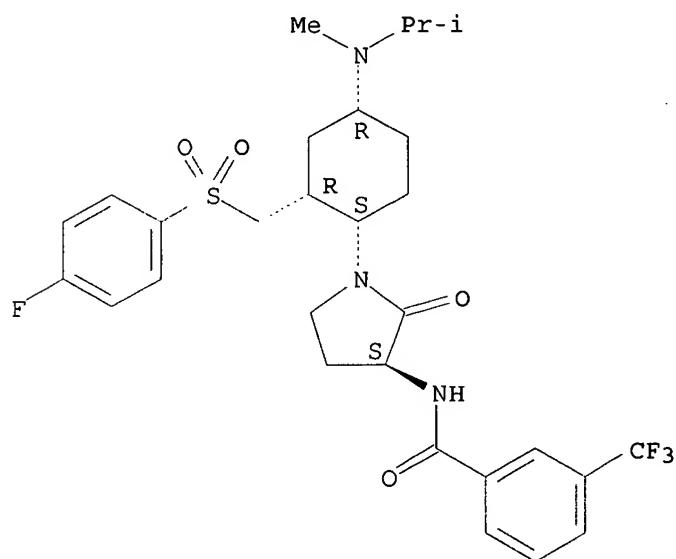
RN 746669-02-3 CAPLUS
 CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-2-[[[4-fluorophenyl)sulfonyl)methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746669-01-2

CMF C29 H35 F4 N3 O4 S

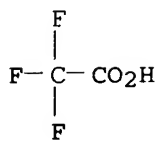
Absolute stereochemistry.



CM 2

CRN 76-05-1

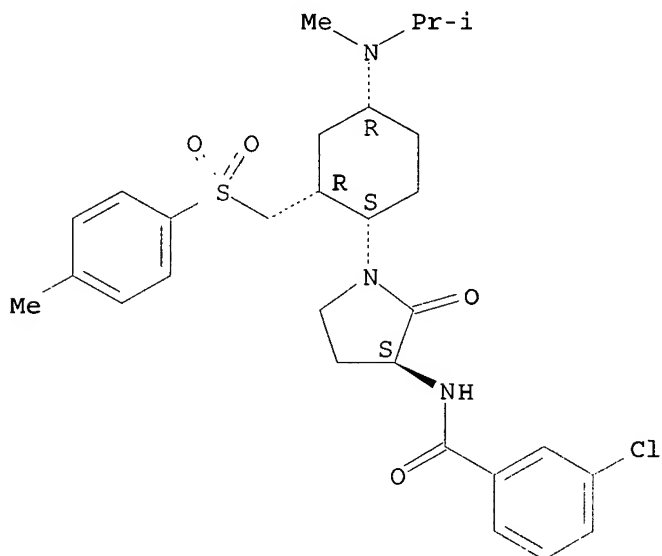
CMF C2 H F3 O2



RN 746669-04-5 CAPLUS

CN Benzamide, 3-chloro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[4-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



RN 746669-05-6 CAPLUS

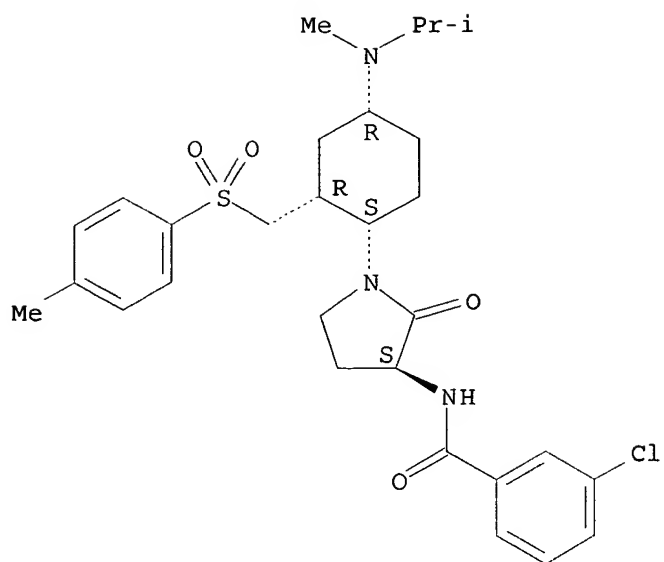
CN Benzamide, 3-chloro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[4-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746669-04-5

CMF C29 H38 Cl N3 O4 S

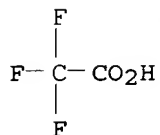
Absolute stereochemistry.



CM 2

CRN 76-05-1

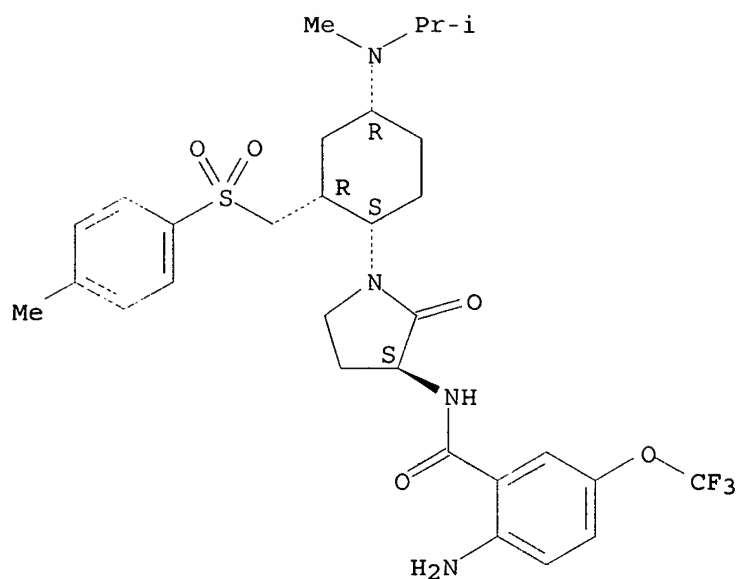
CMF C2 H F3 O2



RN 746669-07-8 CAPLUS

CN Benzamide, 2-amino-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[4-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



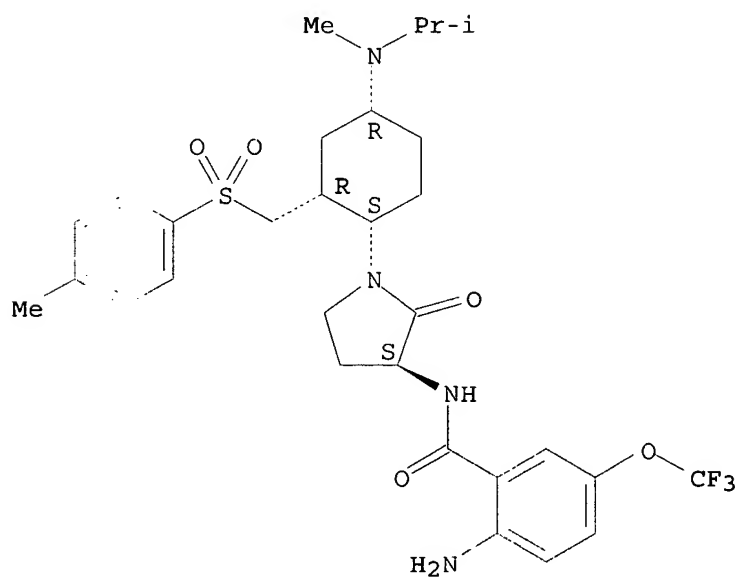
RN 746669-08-9 CAPLUS
 CN Benzamide, 2-amino-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[[(4-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-(trifluoromethoxy)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-07-8

CMF C30 H39 F3 N4 O5 S

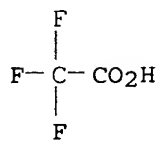
Absolute stereochemistry.



CM 2

CRN 76-05-1

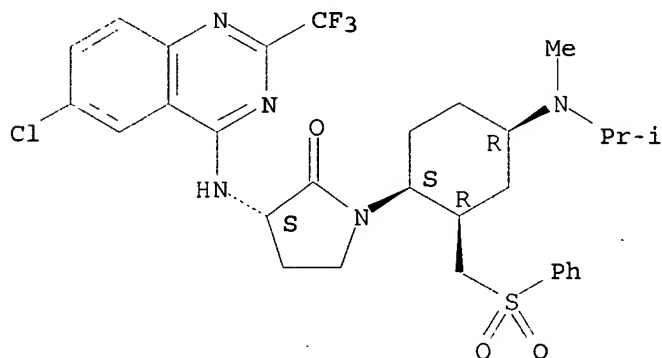
CMF C2 H F3 O2



RN 746669-17-0 CAPLUS

CN 2-Pyrrolidinone, 3-[[6-chloro-2-(trifluoromethyl)-4-quinazolinyl]amino]-1-
[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
hexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-18-1 CAPLUS

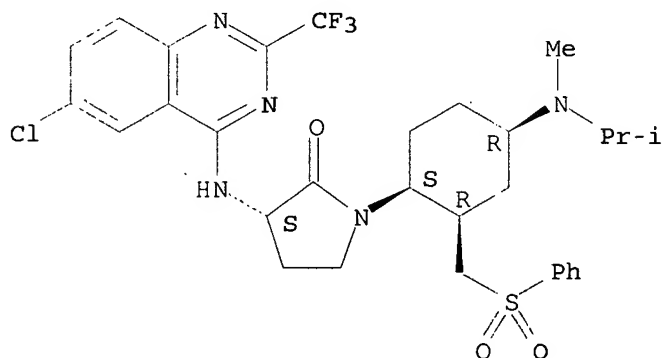
CN 2-Pyrrolidinone, 3-[[6-chloro-2-(trifluoromethyl)-4-quinazolinyl]amino]-1-
[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
hexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-17-0

CMF C30 H35 Cl F3 N5 O3 S

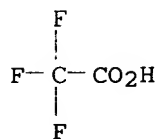
Absolute stereochemistry.



CM 2

CRN 76-05-1

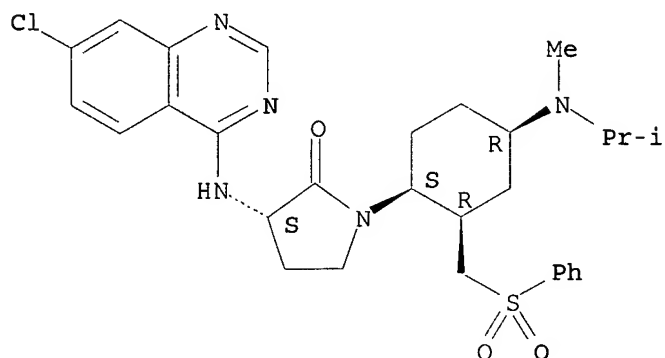
CMF C2 H F3 O2



RN 746669-19-2 CAPLUS

CN 2-Pyrrolidinone, 3-[(7-chloro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-20-5 CAPLUS

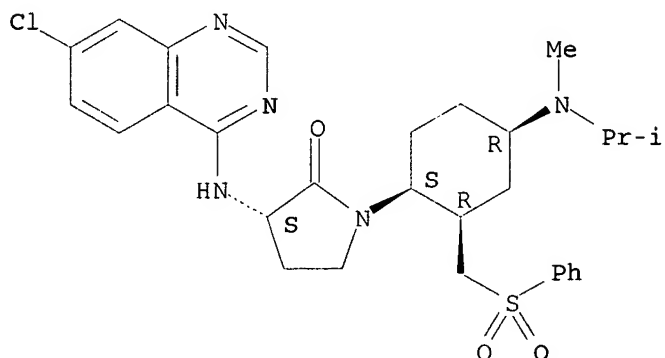
CN 2-Pyrrolidinone, 3-[(7-chloro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-19-2

CMF C29 H36 Cl N5 O3 S

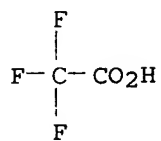
Absolute stereochemistry.



CM 2

CRN 76-05-1

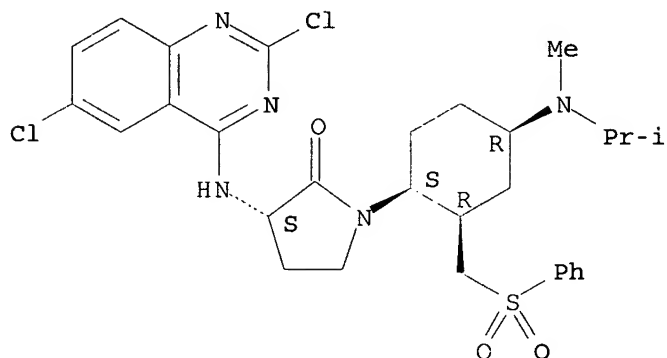
CMF C2 H F3 O2



RN 746669-22-7 CAPLUS

CN 2-Pyrrolidinone, 3-[(2,6-dichloro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-23-8 CAPLUS

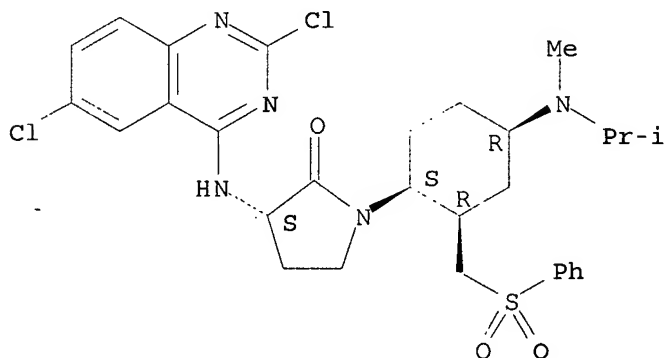
CN 2-Pyrrolidinone, 3-[(2,6-dichloro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-22-7

CMF C29 H35 Cl2 N5 O3 S

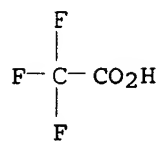
Absolute stereochemistry.



CM 2

CRN 76-05-1

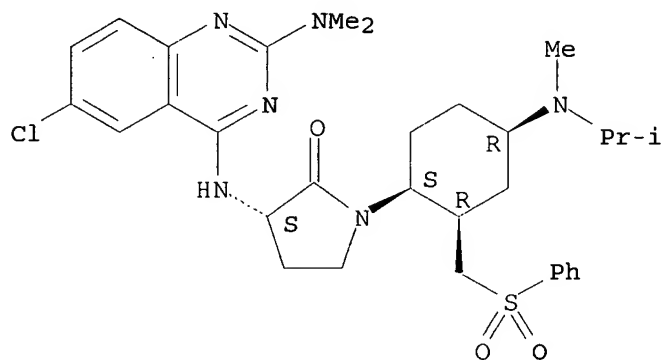
CMF C2 H F3 O2



RN 746669-25-0 CAPLUS

CN 2-Pyrrolidinone, 3-[[6-chloro-2-(dimethylamino)-4-quinazolinyl]amino]-1-
 [(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
 hexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-26-1 CAPLUS

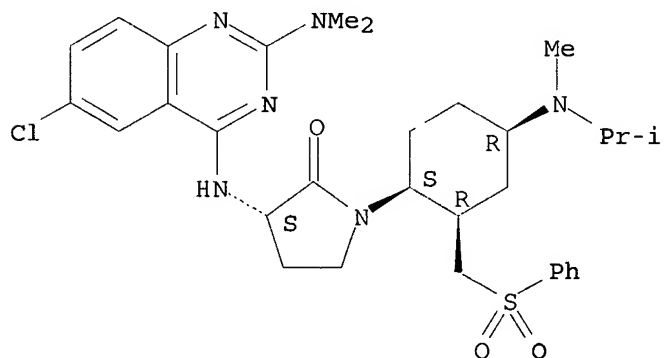
CN 2-Pyrrolidinone, 3-[[6-chloro-2-(dimethylamino)-4-quinazolinyl]amino]-1-
 [(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
 hexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-25-0

CMF C31 H41 Cl N6 O3 S

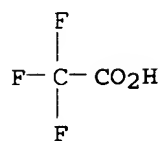
Absolute stereochemistry.



CM 2

CRN 76-05-1

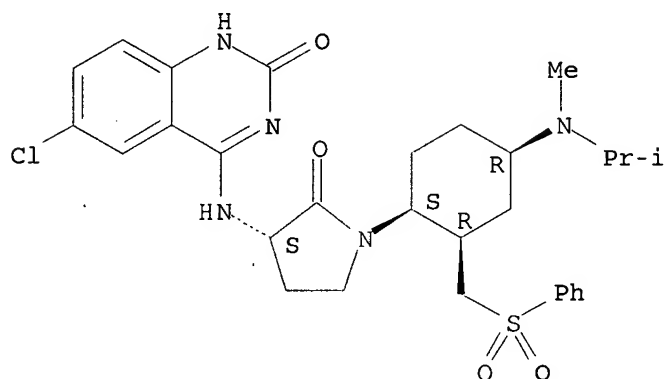
CMF C2 H F3 O2



RN 746669-28-3 CAPLUS

CN 2 (1H)-Quinazolinone, 6-chloro-4-[[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-29-4 CAPLUS

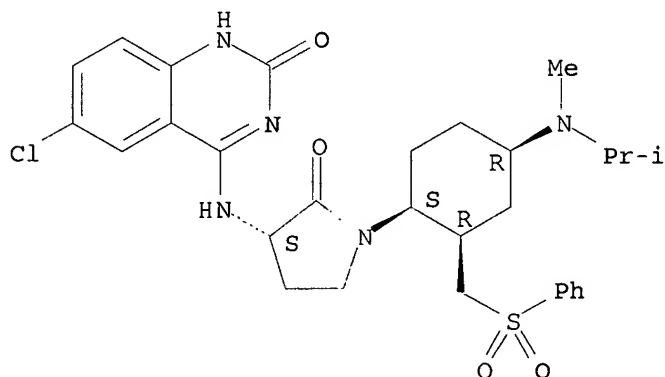
CN 2 (1H)-Quinazolinone, 6-chloro-4-[[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]amino]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-28-3

CMF C29 H36 Cl N5 O4 S

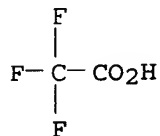
Absolute stereochemistry.



CM 2

CRN 76-05-1

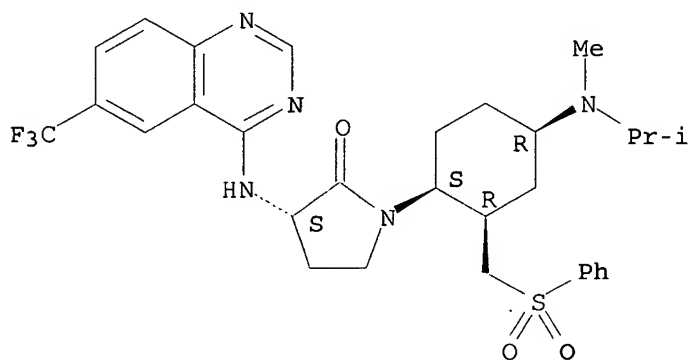
CMF C2 H F3 O2



RN 746669-30-7 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[6-(trifluoromethyl)-4-quinazolinyl]amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-31-8 CAPLUS

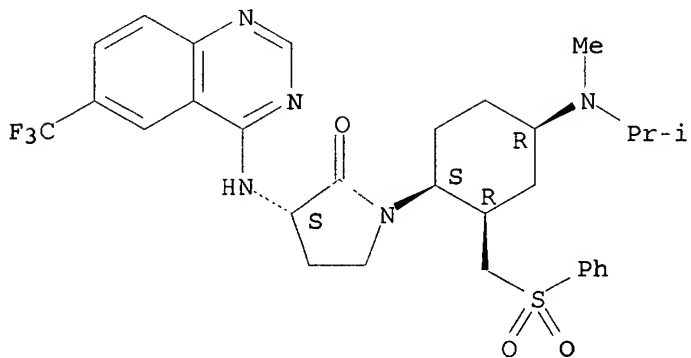
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[6-(trifluoromethyl)-4-quinazolinyl]amino]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-30-7

CMF C30 H36 F3 N5 O3 S

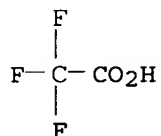
Absolute stereochemistry.



CM 2

CRN 76-05-1

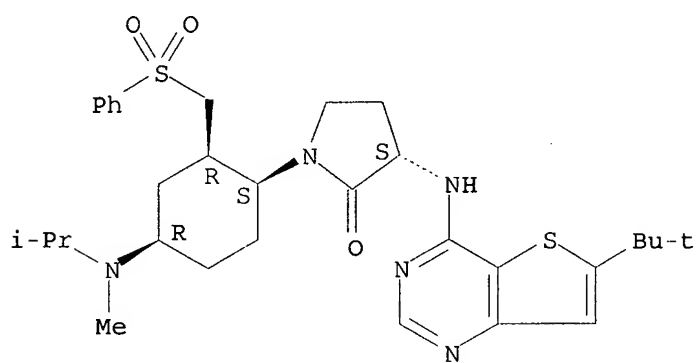
CMF C2 H F3 O2



RN 746669-32-9 CAPLUS

CN 2-Pyrrolidinone, 3-[[6-(1,1-dimethylethyl)thieno[3,2-d]pyrimidin-4-yl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-33-0 CAPLUS

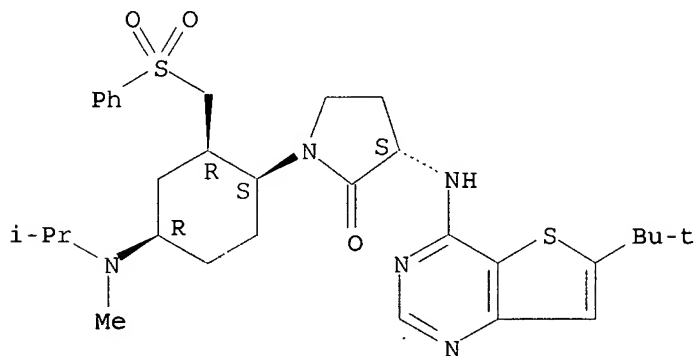
CN 2-Pyrrolidinone, 3-[[6-(1,1-dimethylethyl)thieno[3,2-d]pyrimidin-4-yl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-32-9

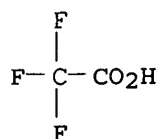
CMF C31 H43 N5 O3 S2

Absolute stereochemistry.



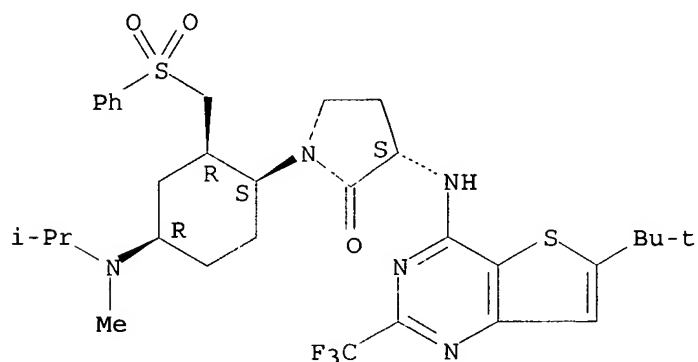
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746669-34-1 CAPLUS
CN 2-Pyrrolidinone, 3-[[6-(1,1-dimethylethyl)-2-(trifluoromethyl)thieno[3,2-d]pyrimidin-4-yl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

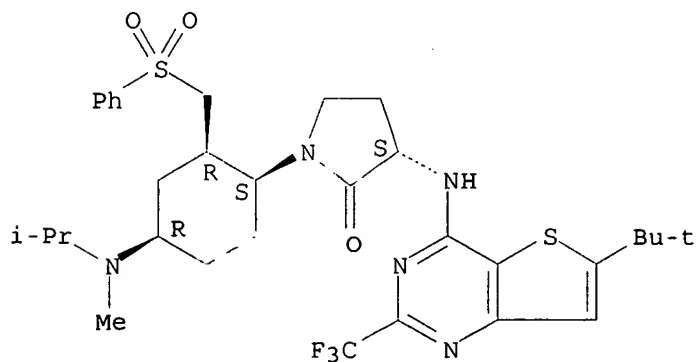


RN 746669-35-2 CAPLUS
CN 2-Pyrrolidinone, 3-[[6-(1,1-dimethylethyl)-2-(trifluoromethyl)thieno[3,2-d]pyrimidin-4-yl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

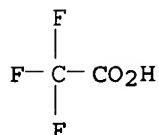
CRN 746669-34-1
CMF C32 H42 F3 N5 O3 S2

Absolute stereochemistry.



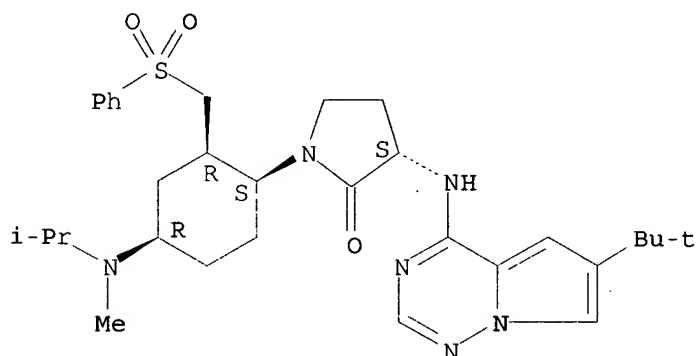
CM 2

CRN 76-05-1
CMF C2 H F3 O2



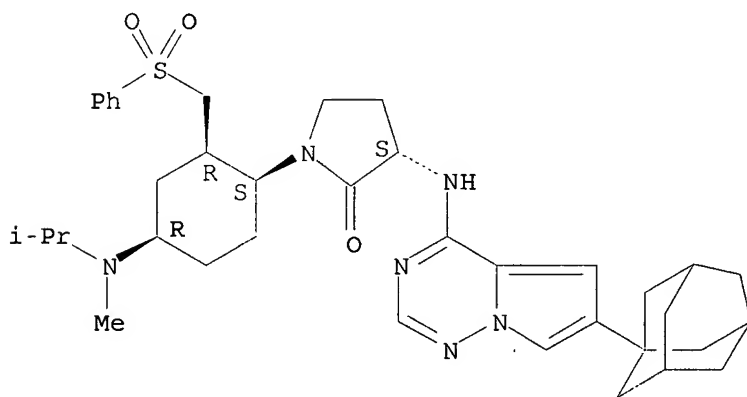
RN 746669-36-3 CAPLUS
CN 2-Pyrrolidinone, 3-[[6-(1,1-dimethylethyl)pyrrolo[2,1-f][1,2,4]triazin-4-yl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



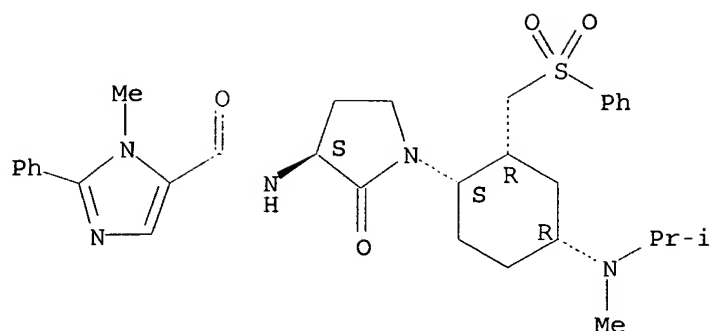
RN 746669-37-4 CAPLUS
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(6-tricyclo[3.3.1.1^{3,7}]dec-1-yl)pyrrolo[2,1-f][1,2,4]triazin-4-yl]amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-38-5 CAPLUS
CN 1H-Imidazole-5-carboxamide, 1-methyl-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-39-6 CAPLUS

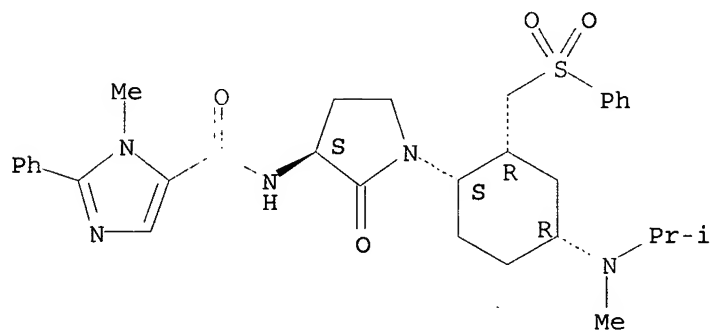
CN 1H-Imidazole-5-carboxamide, 1-methyl-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-38-5

CMF C32 H41 N5 O4 S

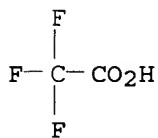
Absolute stereochemistry.



CM 2

CRN 76-05-1

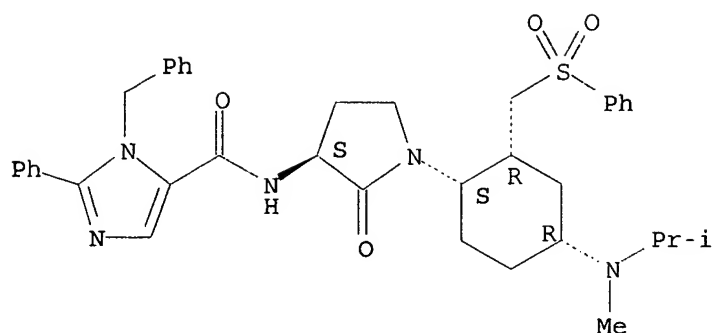
CMF C2 H F3 O2



RN 746669-40-9 CAPLUS

CN 1H-Imidazole-5-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl-1-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-41-0 CAPLUS

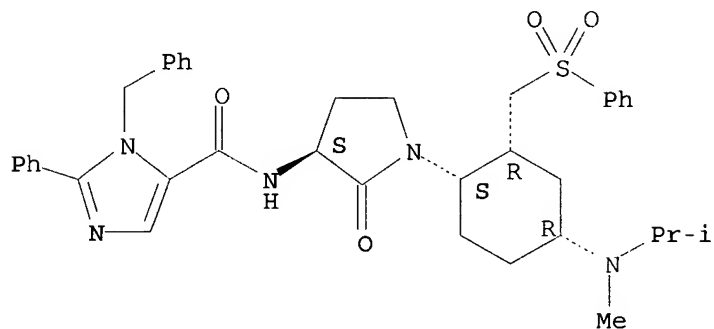
CN 1H-Imidazole-5-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl-1-(phenylmethyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-40-9

CMF C38 H45 N5 O4 S

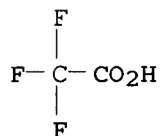
Absolute stereochemistry.



CM 2

CRN 76-05-1

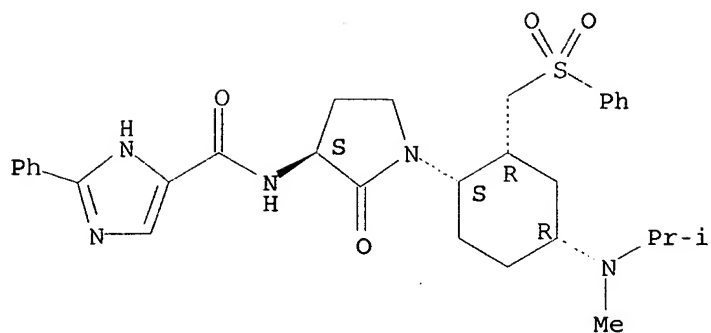
CMF C2 H F3 O2



RN 746669-42-1 CAPLUS

CN 1H-Imidazole-4-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-43-2 CAPLUS

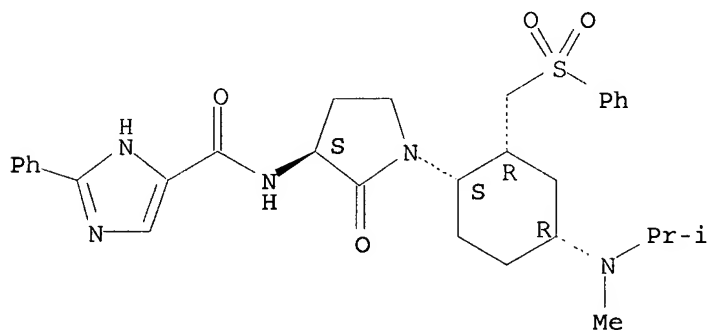
CN 1H-Imidazole-4-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-42-1

CMF C31 H39 N5 O4 S

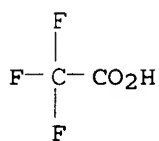
Absolute stereochemistry.



CM 2

CRN 76-05-1

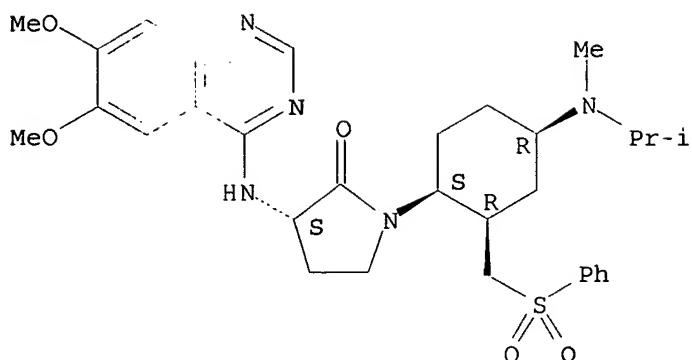
CMF C2 H F3 O2



RN 746669-44-3 CAPLUS

CN 2-Pyrrolidinone, 3-[(6,7-dimethoxy-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-45-4 CAPLUS

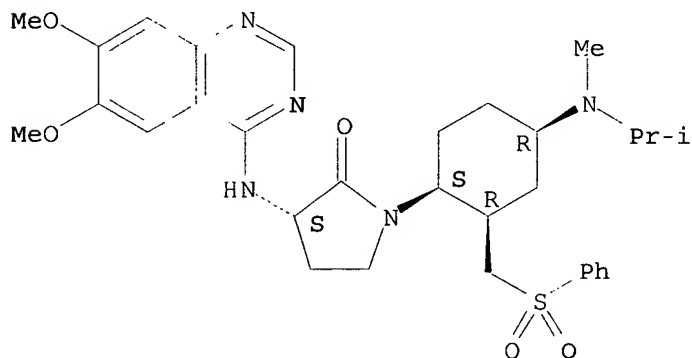
CN 2-Pyrrolidinone, 3-[(6,7-dimethoxy-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-44-3

CMF C31 H41 N5 O5 S

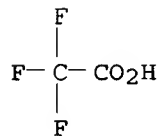
Absolute stereochemistry.



CM 2

CRN 76-05-1

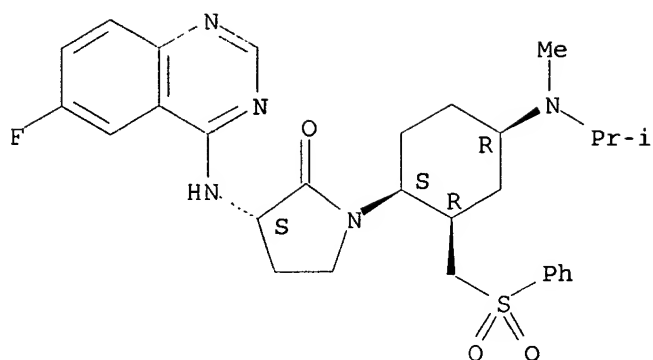
CMF C2 H F3 O2



RN 746669-46-5 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-fluoro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-47-6 CAPLUS

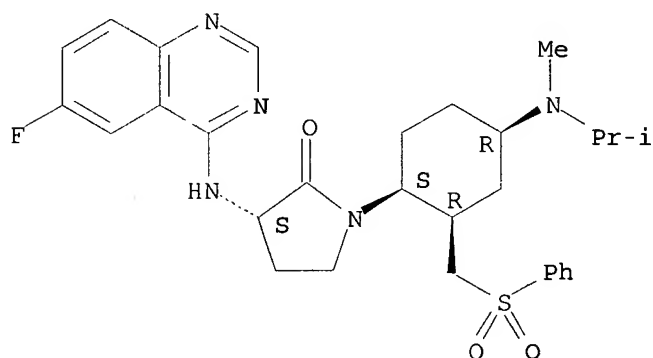
CN 2-Pyrrolidinone, 3-[(6-fluoro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-46-5

CMF C29 H36 F N5 O3 S

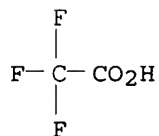
Absolute stereochemistry.



CM 2

CRN 76-05-1

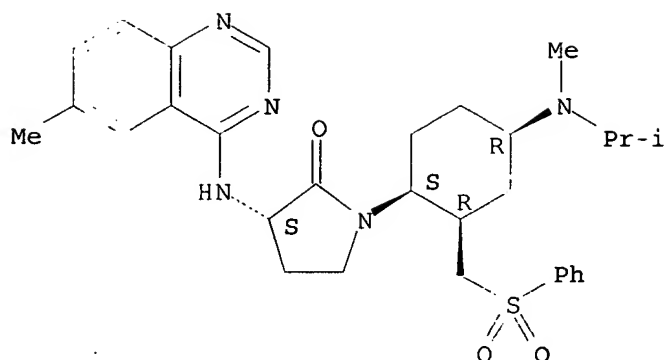
CMF C2 H F3 O2



RN 746669-48-7 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(6-methyl-4-quinazolinyl)amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-49-8 CAPLUS

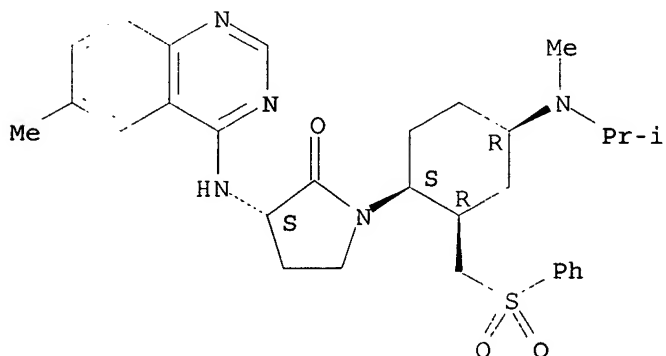
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(6-methyl-4-quinazolinyl)amino]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-48-7

CMF C30 H39 N5 O3 S

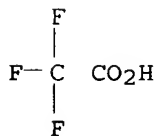
Absolute stereochemistry.



CM 2

CRN 76-05-1

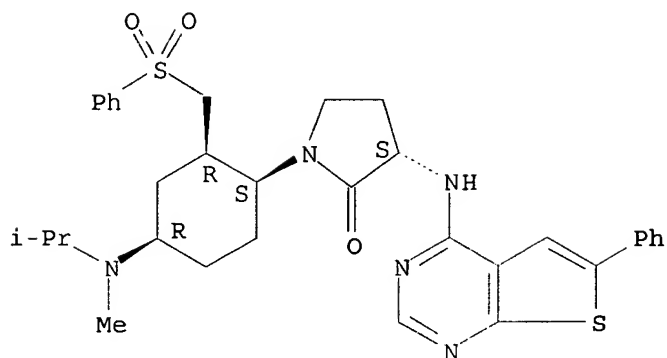
CMF C2 H F3 O2



RN 746669-50-1 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(6-phenylthieno[2,3-d]pyrimidin-4-yl)amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-51-2 CAPLUS

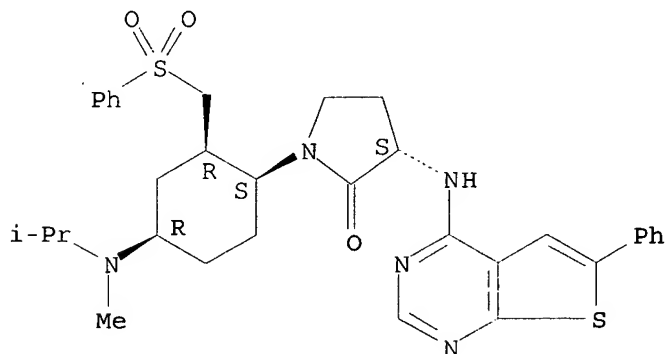
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(6-phenylthieno[2,3-d]pyrimidin-4-yl)amino]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-50-1

CMF C33 H39 N5 O3 S2

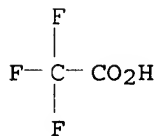
Absolute stereochemistry.



CM 2

CRN 76-05-1

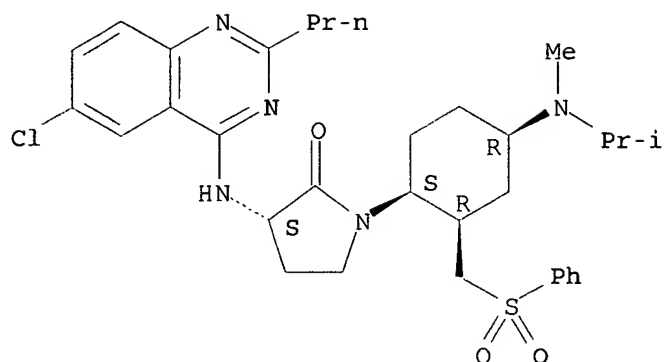
CMF C2 H F3 O2



RN 746669-52-3 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-chloro-2-propyl-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-53-4 CAPLUS

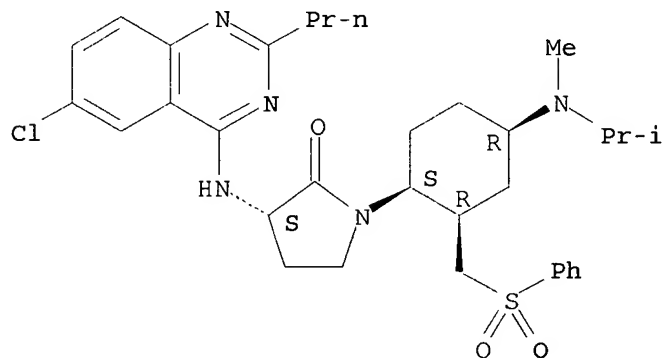
CN 2-Pyrrolidinone, 3-[[6-chloro-2-propyl-4-quinazolinyl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-52-3

CMF C32 H42 Cl N5 O3 S

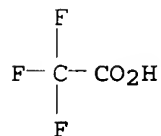
Absolute stereochemistry.



CM 2

CRN 76-05-1

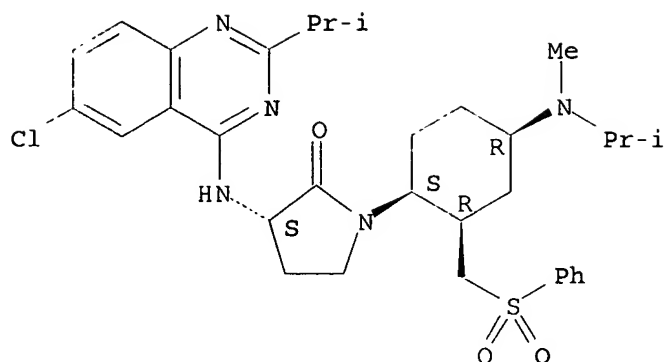
CMF C2 H F3 O2



RN 746669-54-5 CAPLUS

CN 2-Pyrrolidinone, 3-[[6-chloro-2-(1-methylethyl)-4-quinazolinyl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-55-6 CAPLUS

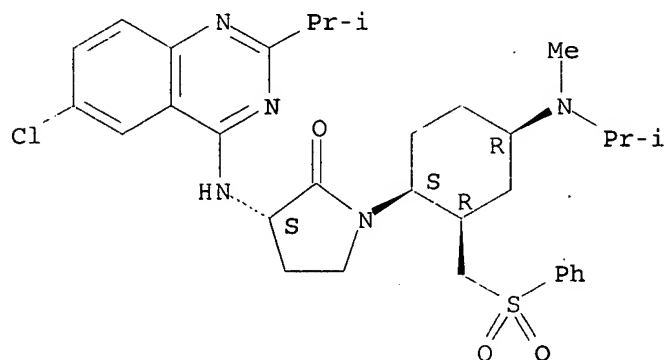
CN 2-Pyrrolidinone, 3-[[6-chloro-2-(1-methylethyl)-4-quinazolinyl]amino]-1-
 [(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
 hexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-54-5

CMF C32 H42 Cl N5 O3 S

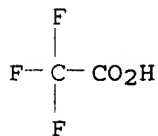
Absolute stereochemistry.



CM 2

CRN 76-05-1

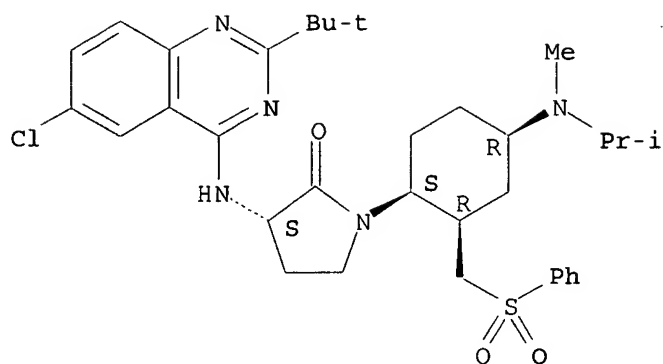
CMF C2 H F3 O2



RN 746669-56-7 CAPLUS

CN 2-Pyrrolidinone, 3-[[6-chloro-2-(1,1-dimethylethyl)-4-quinazolinyl]amino]-1-
 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-
 [(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-57-8 CAPLUS

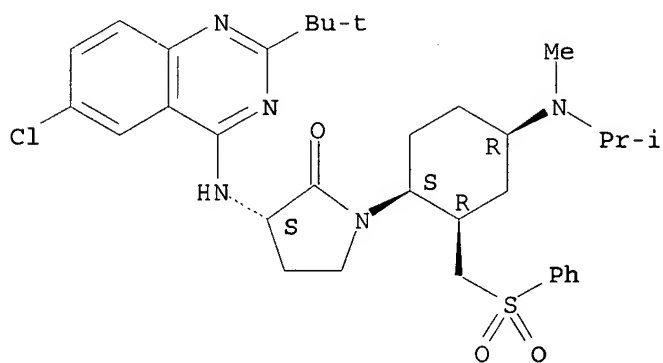
CN 2-Pyrrolidinone, 3-[[6-chloro-2-(1,1-dimethylethyl)-4-quinazolinyl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-56-7

CMF C33 H44 Cl N5 O3 S

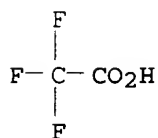
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 746669-59-0 CAPLUS

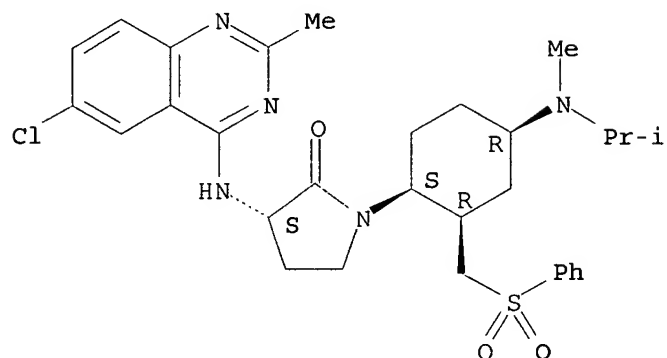
CN 2-Pyrrolidinone, 3-[[6-chloro-2-methyl-4-quinazolinyl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-58-9

CMF C30 H38 Cl N5 O3 S

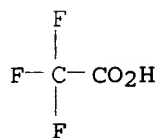
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 746669-61-4 CAPLUS

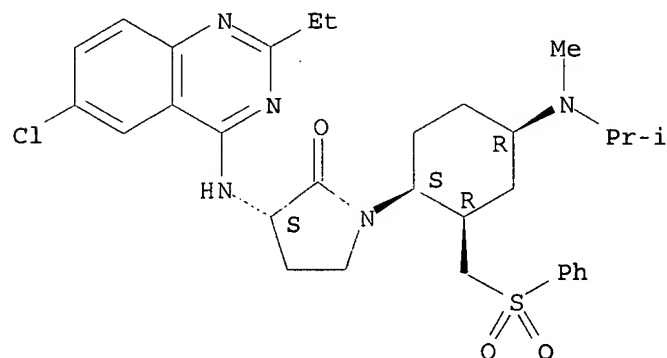
CN 2-Pyrrolidinone, 3-[(6-chloro-2-ethyl-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-60-3

CMF C31 H40 Cl N5 O3 S

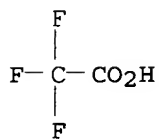
Absolute stereochemistry.



CM 2

CRN 76-05-1

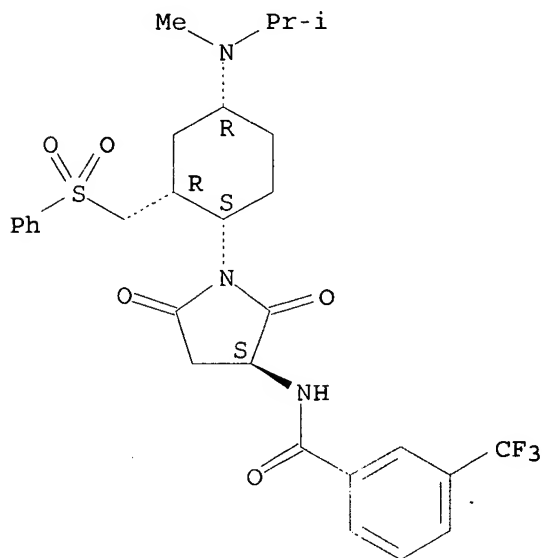
CMF C2 H F3 O2



RN 746669-62-5 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2,5-dioxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-63-6 CAPLUS

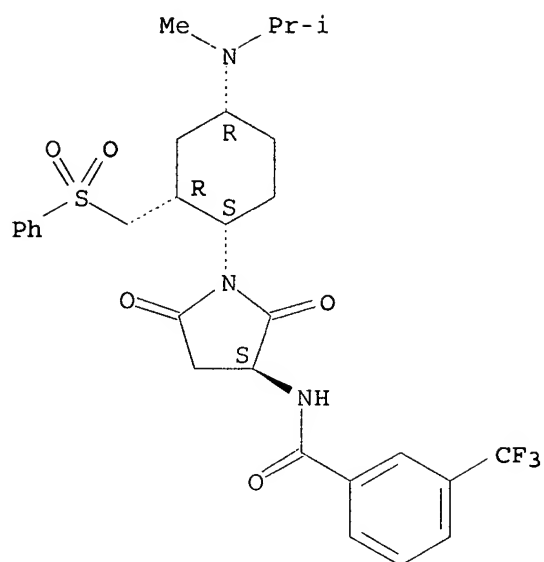
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2,5-dioxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746669-62-5

CMF C29 H34 F3 N3 O5 S

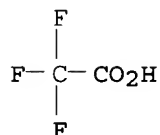
Absolute stereochemistry.



CM 2

CRN 76-05-1

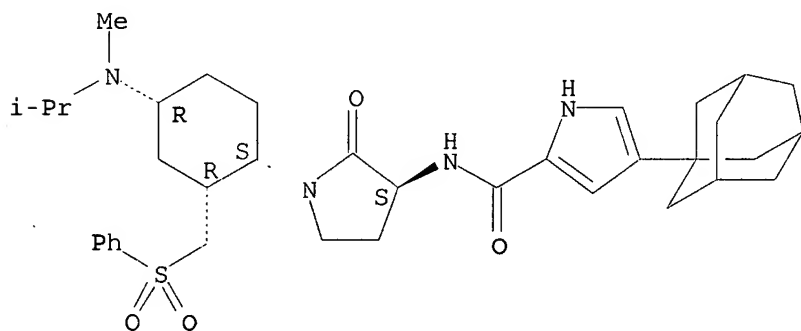
CMF C2 H F3 O2



RN 746669-64-7 CAPLUS

CN 1H-Pyrrole-2-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-4-tricyclo[3.3.1.1^{3,7}]dec-1-yl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-65-8 CAPLUS

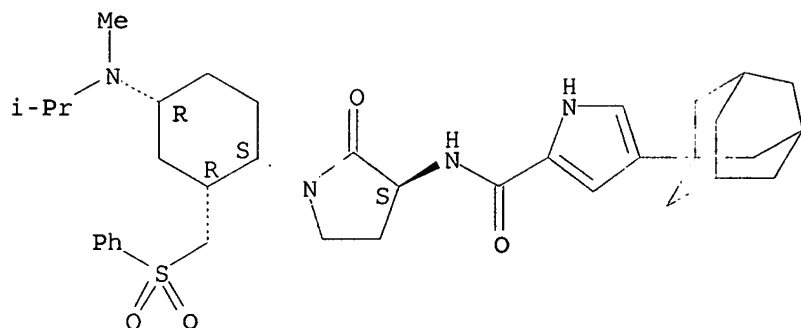
CN 1H-Pyrrole-2-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-4-tricyclo[3.3.1.1^{3,7}]dec-1-yl-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746669-64-7

CMF C36 H50 N4 O4 S

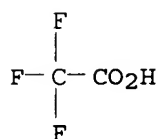
Absolute stereochemistry.



CM 2

CRN 76-05-1

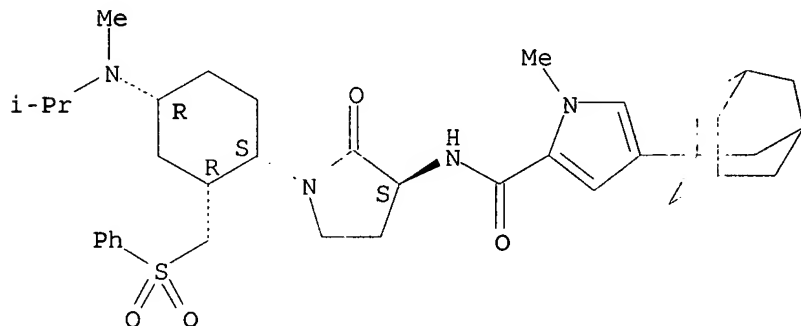
CMF C2 H F3 O2



RN 746669-66-9 CAPLUS

CN 1H-Pyrrole-2-carboxamide, 1-methyl-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-4-tricyclo[3.3.1.1.3,7]dec-1-yl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-67-0 CAPLUS

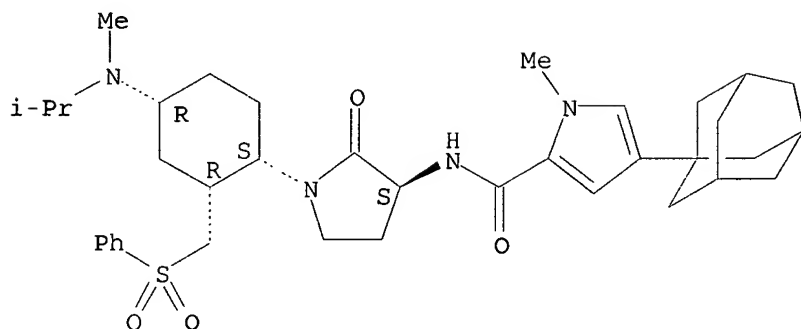
CN 1H-Pyrrole-2-carboxamide, 1-methyl-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-4-tricyclo[3.3.1.1.3,7]dec-1-yl-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746669-66-9

CMF C37 H52 N4 O4 S

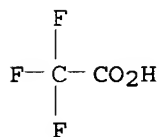
Absolute stereochemistry.



CM 2

CRN 76-05-1

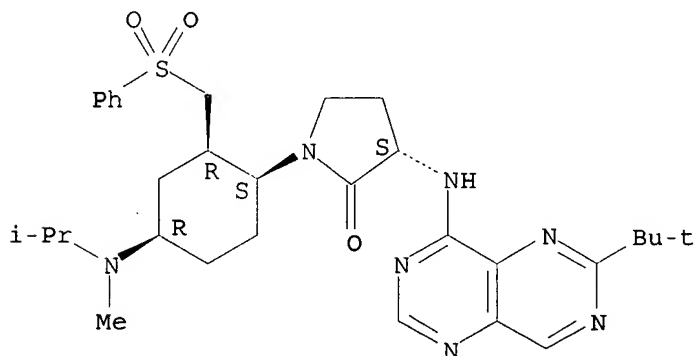
CMF C2 H F3 O2



RN 746669-68-1 CAPLUS

CN 2-Pyrrolidinone, 3-[[6-(1,1-dimethylethyl)pyrimido[5,4-d]pyrimidin-4-yl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-69-2 CAPLUS

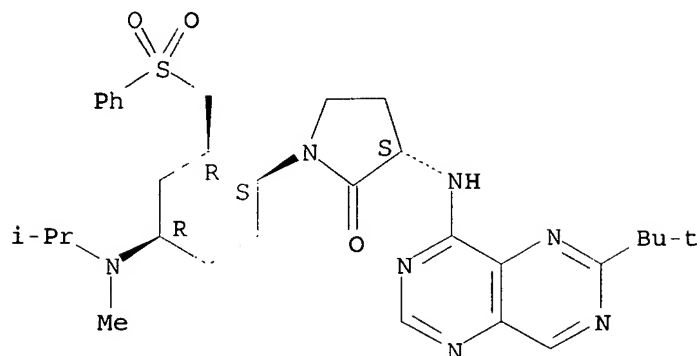
CN 2-Pyrrolidinone, 3-[[6-(1,1-dimethylethyl)pyrimido[5,4-d]pyrimidin-4-yl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (2S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-68-1

CMF C31 H43 N7 O3 S

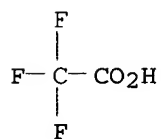
Absolute stereochemistry.



CM 2

CRN 76-05-1

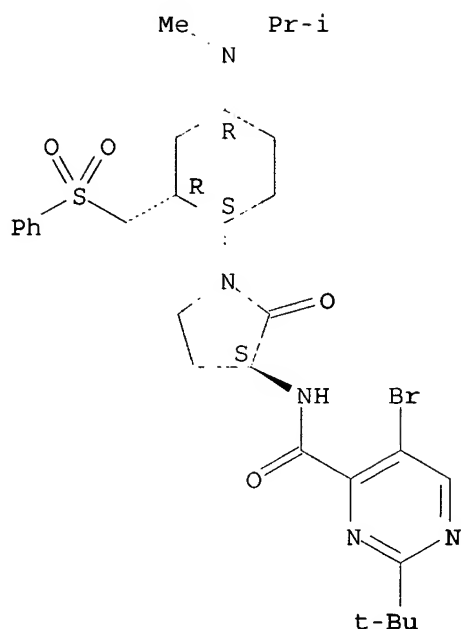
CMF C2 H F3 O2



RN 746669-70-5 CAPLUS

CN 4-Pyrimidinecarboxamide, 5-bromo-2-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

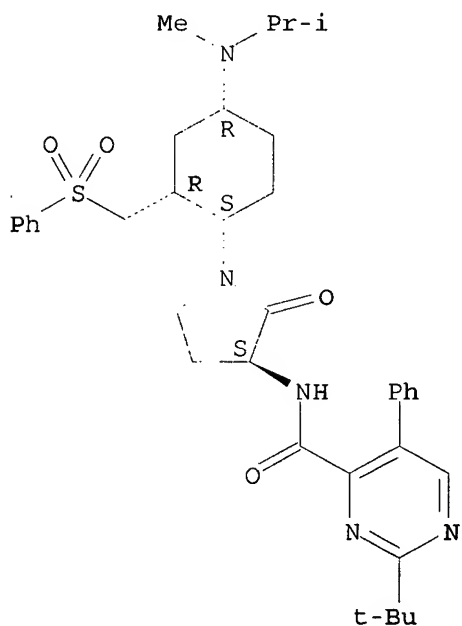
Absolute stereochemistry.



RN 746669-72-7 CAPLUS

CN 4-Pyrimidinecarboxamide, 2-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

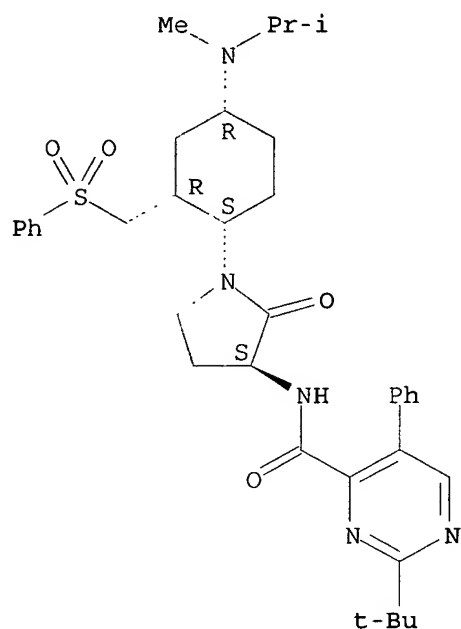


RN 746669-73-8 CAPLUS

CN 4-Pyrimidinecarboxamide, 2-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

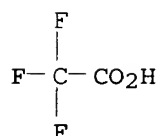
CRN 746669-72-7
CMF C36 H47 N5 O4 S

Absolute stereochemistry.



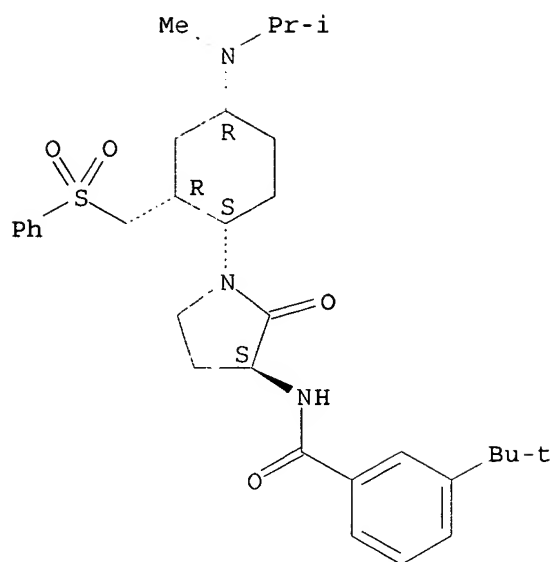
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746669-74-9 CAPLUS
CN Benzamide, 3-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



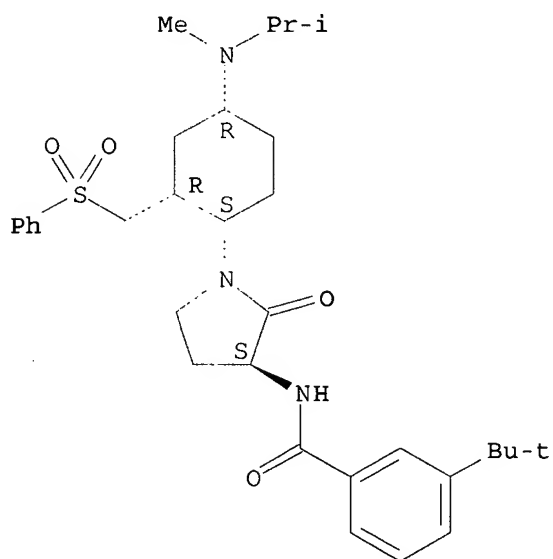
RN 746669-75-0 CAPLUS
 CN Benzamide, 3- (1,1-dimethylethyl) -N- [(3S) -1- [(1S,2R,4R) -4- [methyl (1-methylethyl) amino] -2- [(phenylsulfonyl)methyl] cyclohexyl] -2-oxo-3-pyrrolidiny] -, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746669-74-9

CMF C32 H45 N3 O4 S

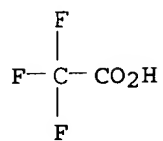
Absolute stereochemistry.



CM 2

CRN 76-05-1

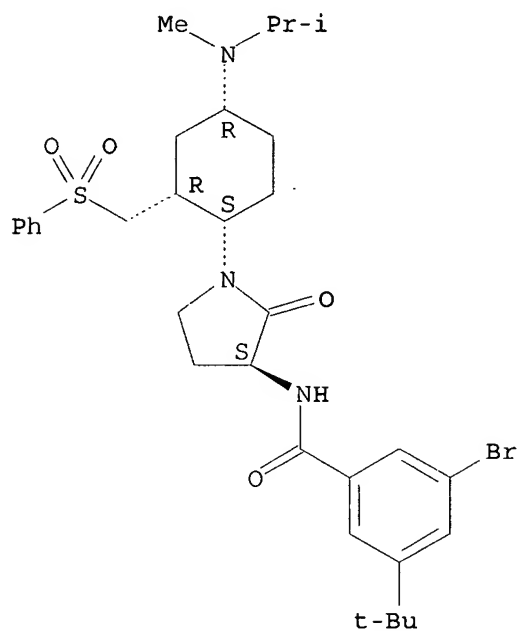
CMF C2 H F3 O2



RN 746669-76-1 CAPLUS

CN Benzamide, 3-bromo-5-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-77-2 CAPLUS

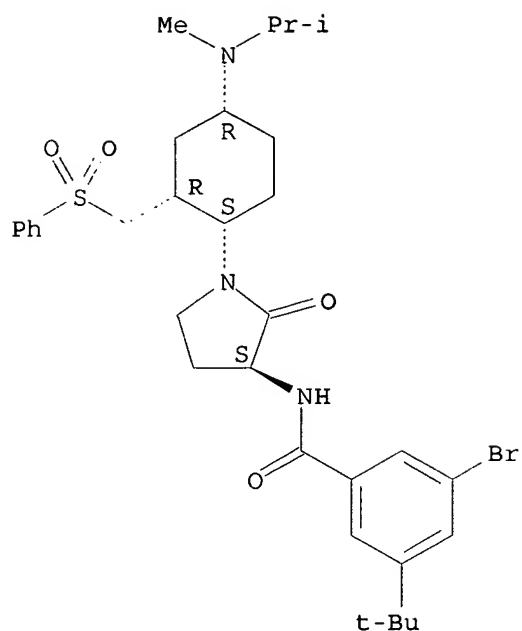
CN Benzamide, 3-bromo-5-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746669-76-1

CMF C32 H44 Br N3 O4 S

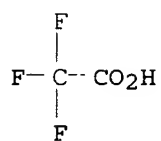
Absolute stereochemistry.



CM 2

CRN 76-05-1

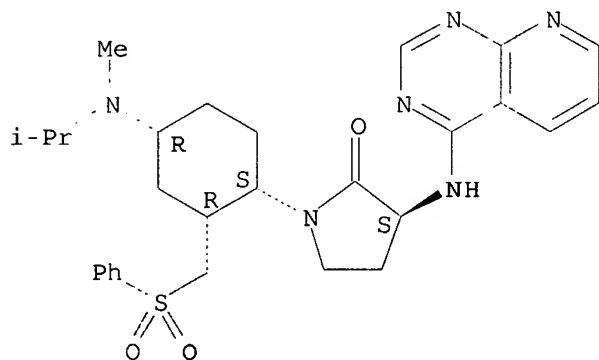
CMF C2 H F3 O2



RN 746669-78-3 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-(pyrido[2,3-d]pyrimidin-4-ylamino)-, (3S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-79-4 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-

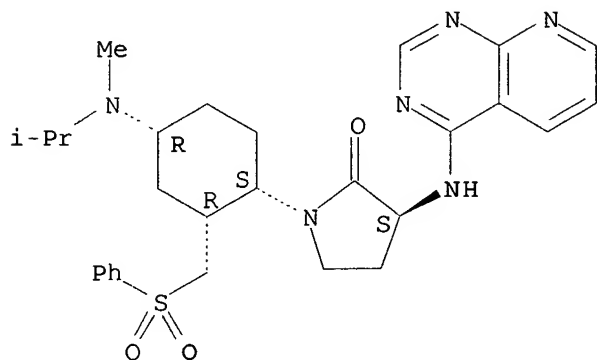
[(phenylsulfonyl)methyl]cyclohexyl]-3-(pyrido[2,3-d]pyrimidin-4-ylamino)-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-78-3

CMF C28 H36 N6 O3 S

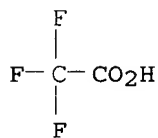
Absolute stereochemistry.



CM 2

CRN 76-05-1

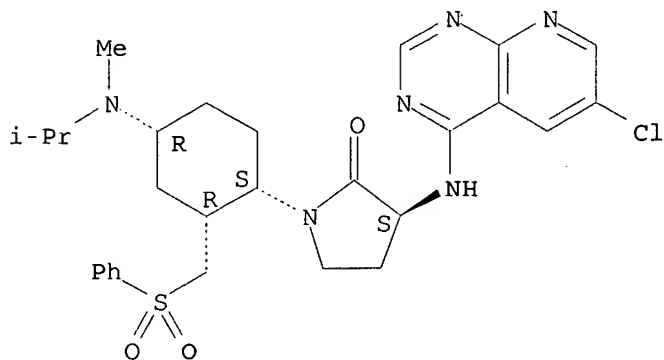
CMF C2 H F3 O2



RN 746669-80-7 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-chloropyrido[2,3-d]pyrimidin-4-yl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-81-8 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-chloropyrido[2,3-d]pyrimidin-4-yl)amino]-1-

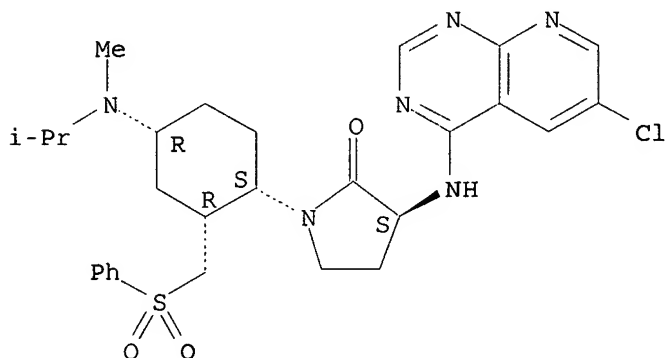
[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-80-7

CMF C28 H35 Cl N6 O3 S

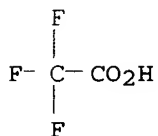
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 746669-83-0 CAPLUS

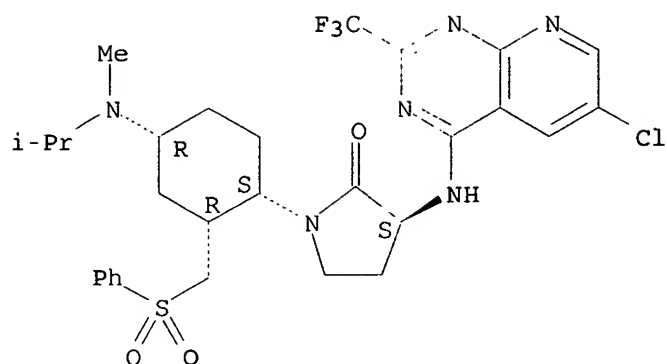
CN 2-Pyrrolidinone, 3-[[6-chloro-2-(trifluoromethyl)pyrido[2,3-d]pyrimidin-4-yl]amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-82-9

CMF C29 H34 Cl F3 N6 O3 S

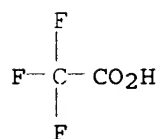
Absolute stereochemistry.



CM 2

CRN 76-05-1

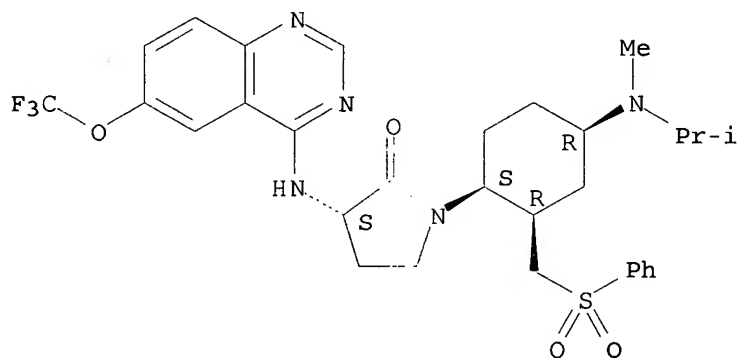
CMF C2 H F3 O2



RN 746669-84-1 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[6-(trifluoromethoxy)-4-quinazolinyl]amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-85-2 CAPLUS

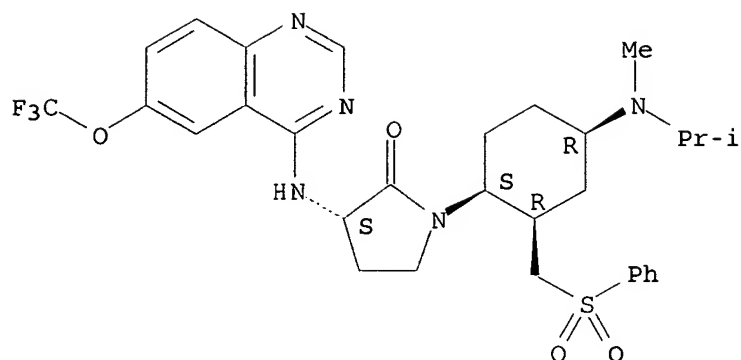
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[6-(trifluoromethoxy)-4-quinazolinyl]amino]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-84-1

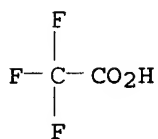
CMF C30 H36 F3 N5 O4 S

Absolute stereochemistry.



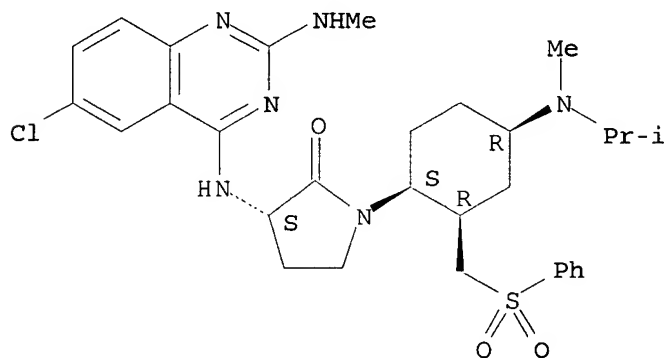
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746669-86-3 CAPLUS
CN 2-Pyrrolidinone, 3-[[6-chloro-2-(methylamino)-4-quinazolinyl]amino]-1-
[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
hexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

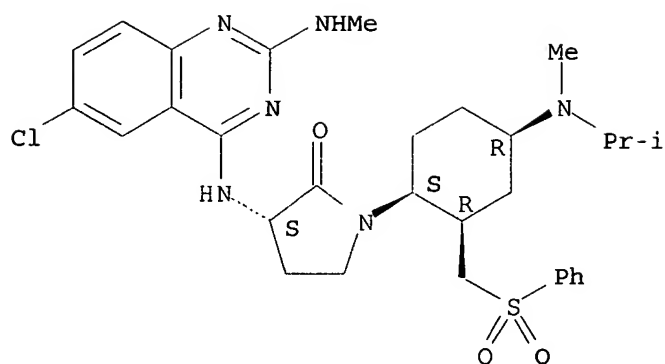


RN 746669-87-4 CAPLUS
CN 2-Pyrrolidinone, 3-[[6-chloro-2-(methylamino)-4-quinazolinyl]amino]-1-
[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclo
hexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-86-3
CMF C30 H39 Cl N6 O3 S

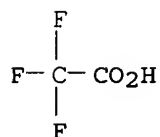
Absolute stereochemistry.



CM 2

CRN 76-05-1

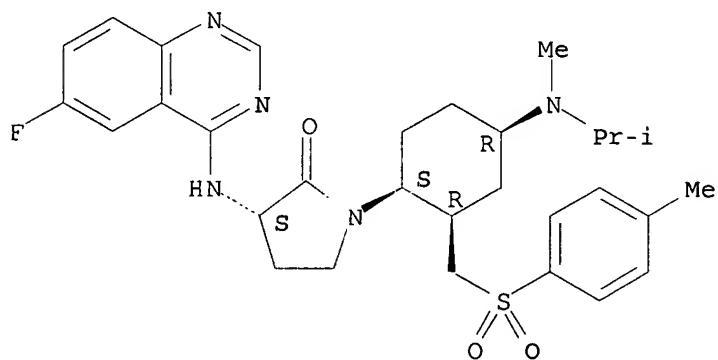
CMF C2 H F3 O2



RN 746669-88-5 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-fluoro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[4-methylphenyl)sulfonyl]methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-89-6 CAPLUS

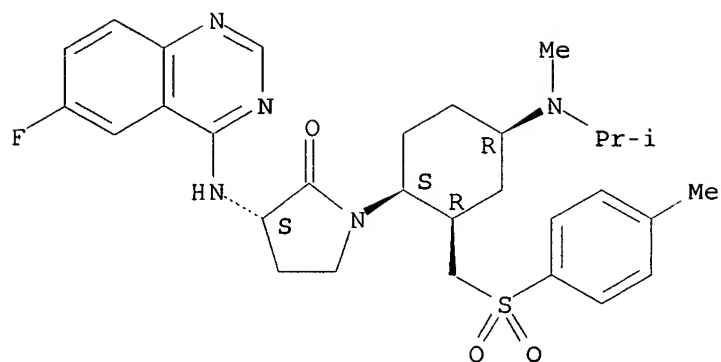
CN 2-Pyrrolidinone, 3-[(6-fluoro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[4-methylphenyl)sulfonyl]methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-88-5

CMF C30 H38 F N5 O3 S

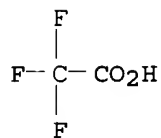
Absolute stereochemistry.



CM 2

CRN 76-05-1

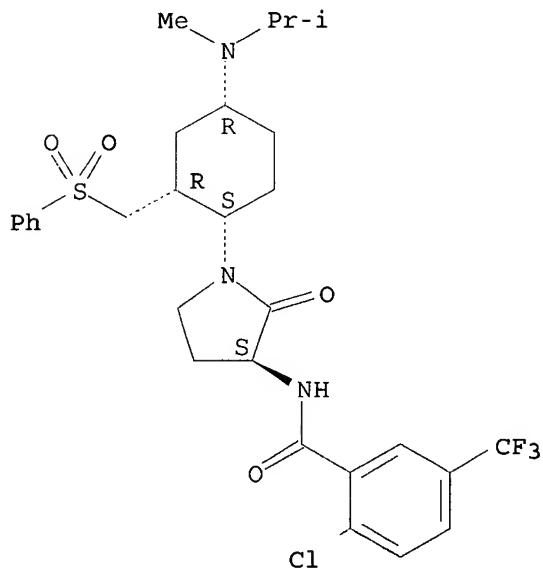
CMF C2 H F3 O2



RN 746669-90-9 CAPLUS

CN Benzamide, 2-chloro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-91-0 CAPLUS

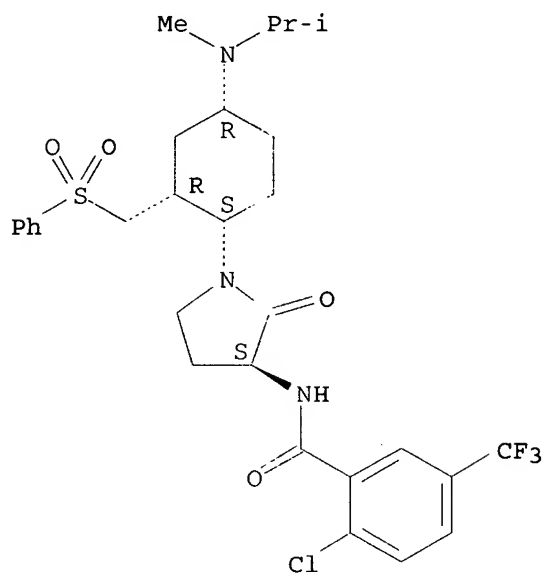
CN Benzamide, 2-chloro-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746669-90-9

CMF C29 H35 Cl F3 N3 O4 S

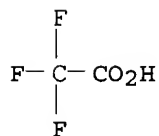
Absolute stereochemistry.



CM 2

CRN 76-05-1

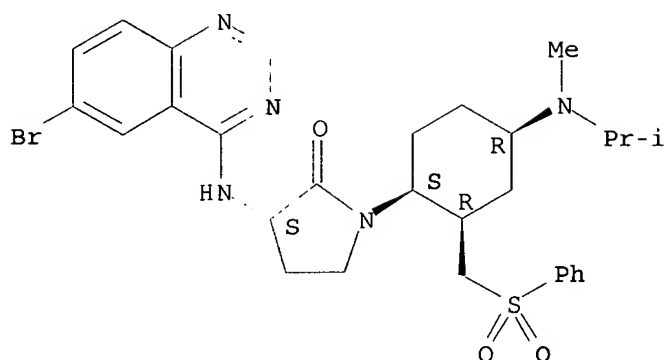
CMF C2 H F3 O2



RN 746669-92-1 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-bromo-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-93-2 CAPLUS

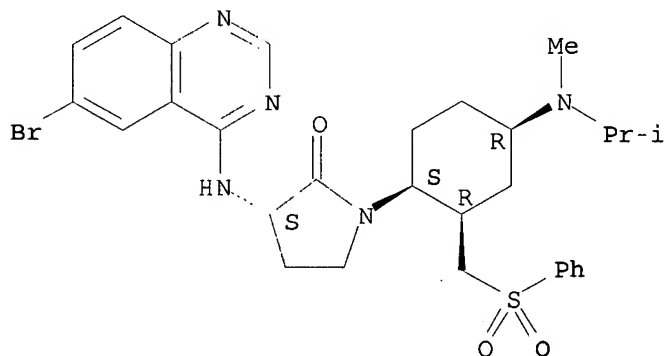
CN 2-Pyrrolidinone, 3-[(6-bromo-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-92-1

CMF C29 H36 Br N5 O3 S

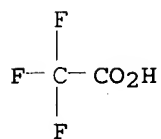
Absolute stereochemistry.



CM 2

CRN 76-05-1

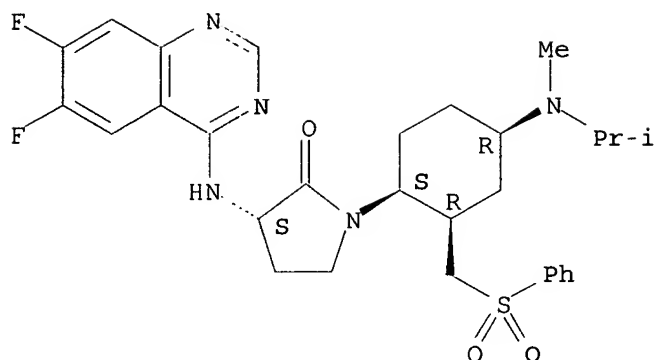
CMF C2 H F3 O2



RN 746669-94-3 CAPLUS

CN 2-Pyrrolidinone, 3-[(6,7-difluoro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-95-4 CAPLUS

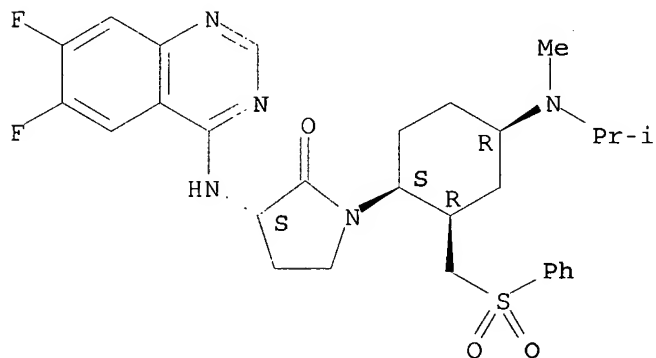
CN 2-Pyrrolidinone, 3-[(6,7-difluoro-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-94-3

CMF C29 H35 F2 N5 O3 S

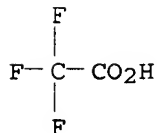
Absolute stereochemistry.



CM 2

CRN 76-05-1

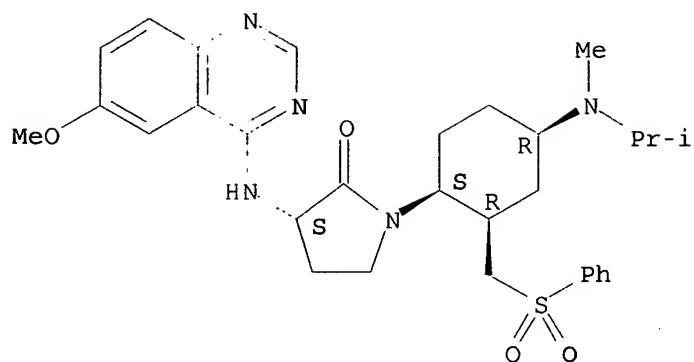
CMF C2 H F3 O2



RN 746669-96-5 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-methoxy-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-97-6 CAPLUS

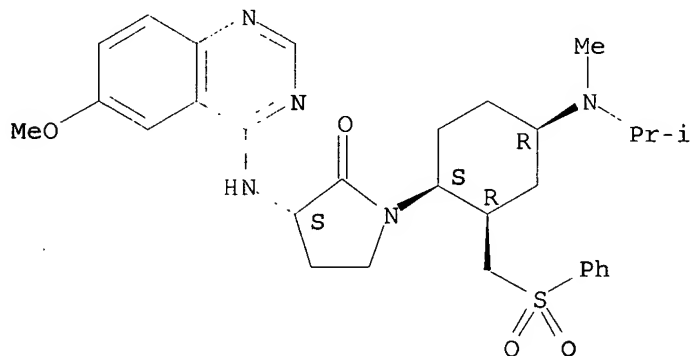
CN 2-Pyrrolidinone, 3-[(6-methoxy-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-96-5

CMF C30 H39 N5 O4 S

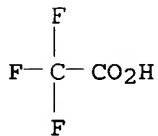
Absolute stereochemistry.



CM 2

CRN 76-05-1

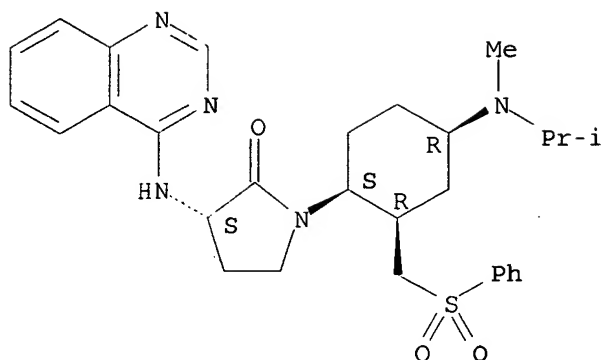
CMF C2 H F3 O2



RN 746669-98-7 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-(4-quinazolinylamino)-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746669-99-8 CAPLUS

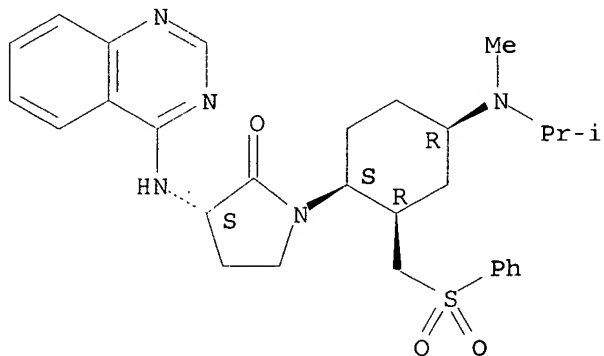
CN 2-Pyrrolidinone, 1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-(4-quinazolinylamino)-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746669-98-7

CMF C29 H37 N5 O3 S

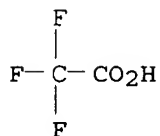
Absolute stereochemistry.



CM 2

CRN 76-05-1

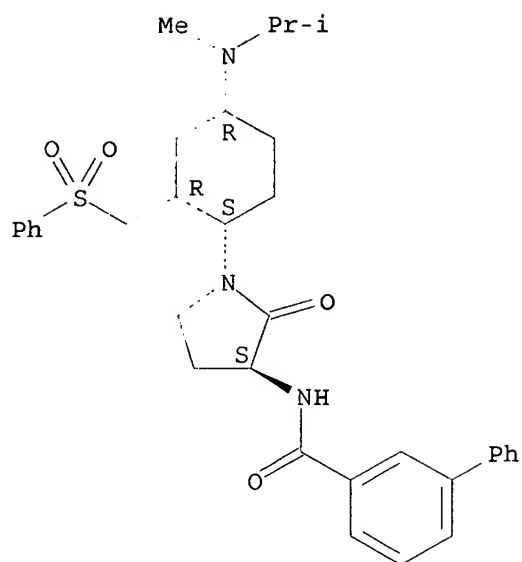
CMF C2 H F3 O2



RN 746670-00-8 CAPLUS

CN [1,1'-Biphenyl]-3-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746670-01-9 CAPLUS

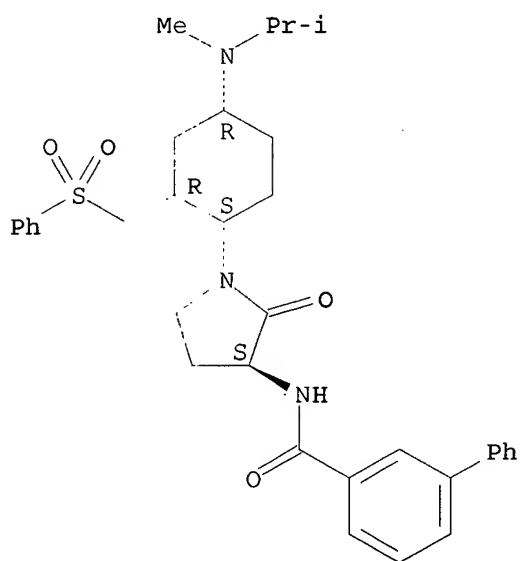
CN [1,1'-Biphenyl]-3-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746670-00-8

CMF C34 H41 N3 O4 S

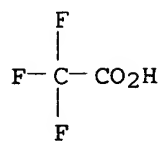
Absolute stereochemistry.



CM 2

CRN 76-05-1

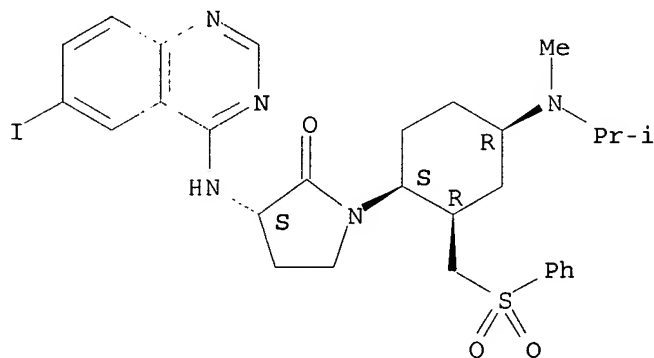
CMF C2 H F3 O2



RN 746670-02-0 CAPLUS

CN 2-Pyrrolidinone, 3-[(6-iodo-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746670-03-1 CAPLUS

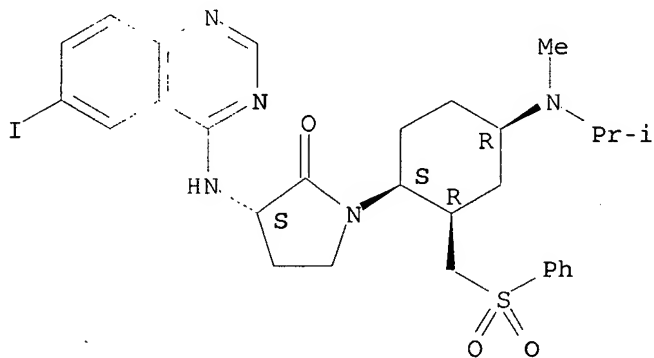
CN 2-Pyrrolidinone, 3-[(6-iodo-4-quinazolinyl)amino]-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746670-02-0

CMF C29 H36 I N5 O3 S

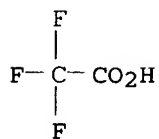
Absolute stereochemistry.



CM 2

CRN 76-05-1

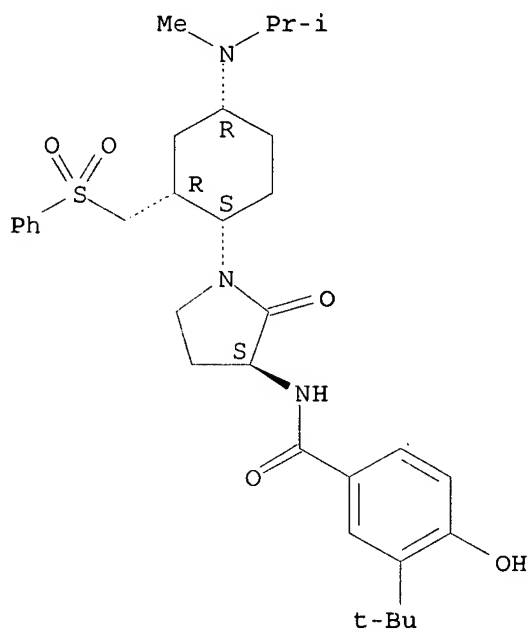
CMF C2 H F3 O2



RN 746670-04-2 CAPLUS

CN Benzamide, 3-(1,1-dimethylethyl)-4-hydroxy-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746670-05-3 CAPLUS

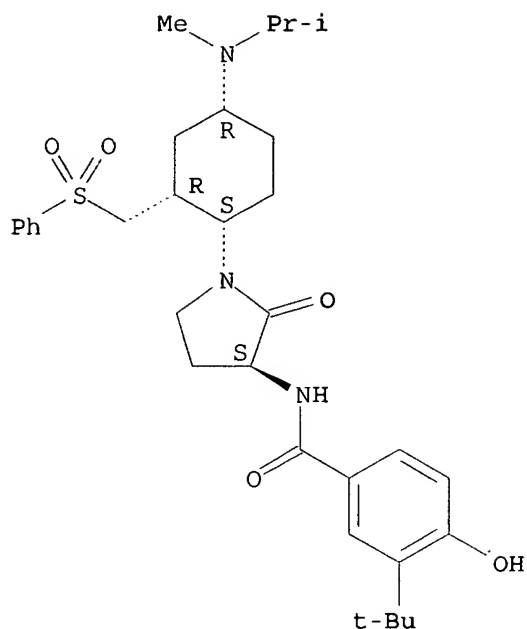
CN Benzamide, 3-(1,1-dimethylethyl)-4-hydroxy-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 746670-04-2

CMF C32 H45 N3 O5 S

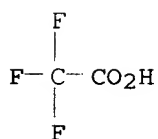
Absolute stereochemistry.



CM 2

CRN 76-05-1

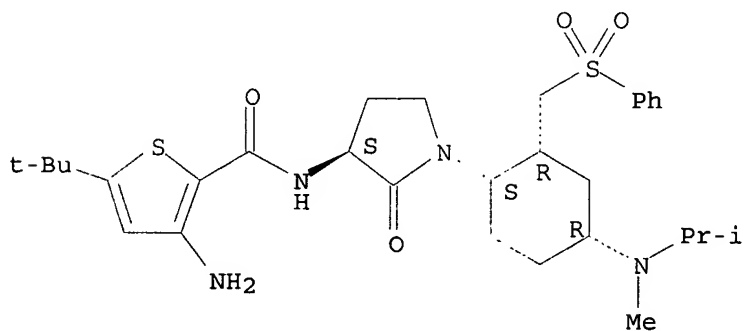
CMF C2 H F3 O2



RN 746670-06-4 CAPLUS

CN 2-Thiophenecarboxamide, 3-amino-5-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746670-07-5 CAPLUS

CN 2-Thiophenecarboxamide, 3-amino-5-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

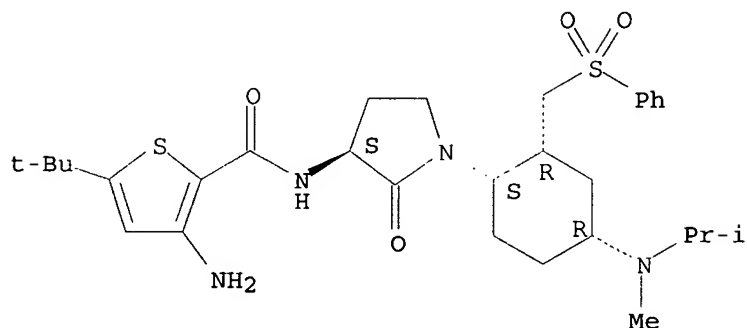
hexyl]-2-oxo-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746670-06-4

CMF C30 H44 N4 O4 S2

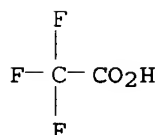
Absolute stereochemistry.



CM 2

CRN 76-05-1

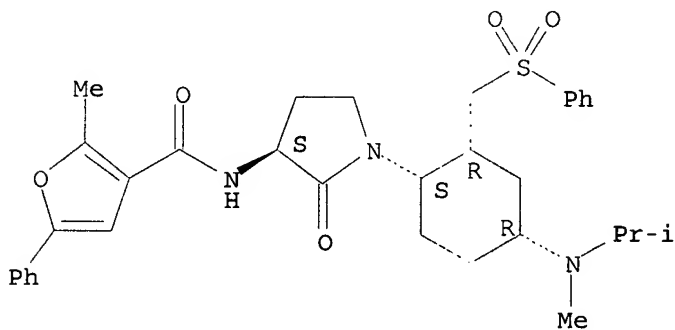
CMF C2 H F3 O2



RN 746670-08-6 CAPLUS

CN 3-Furancarboxamide, 2-methyl-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746670-09-7 CAPLUS

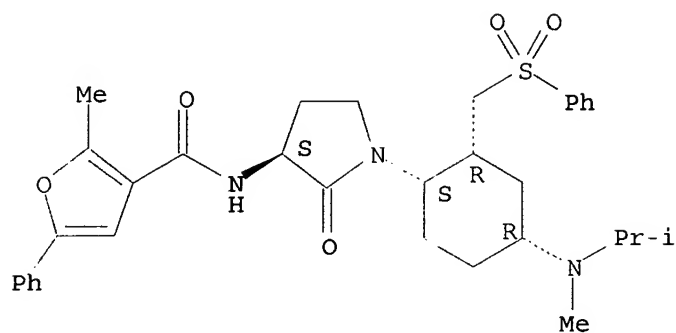
CN 3-Furancarboxamide, 2-methyl-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-phenyl-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746670-08-6

CMF C33 H41 N3 O5 S

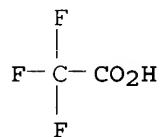
Absolute stereochemistry.



CM 2

CRN 76-05-1

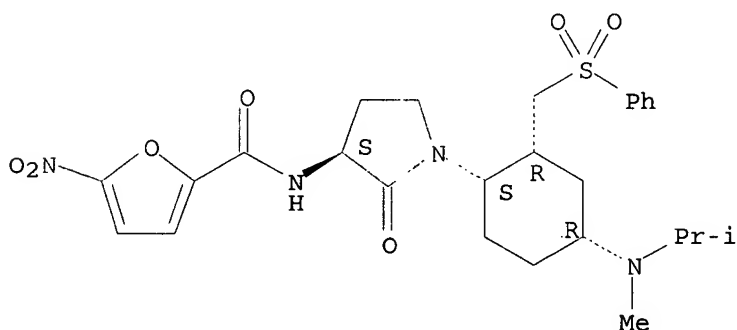
CMF C2 H F3 O2



RN 746670-10-0 CAPLUS

CN 2-Furancarboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-nitro- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



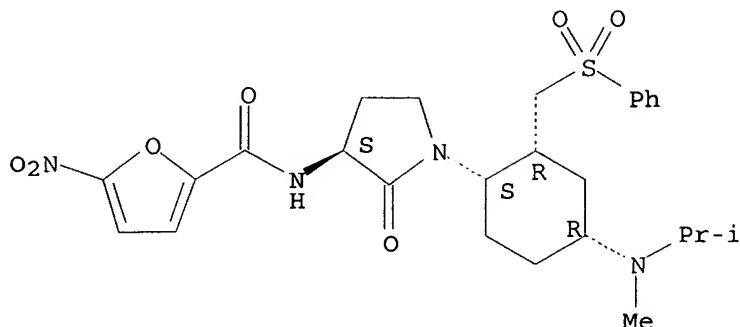
RN 746670-11-1 CAPLUS

CN 2-Furancarboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-5-nitro-,
mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

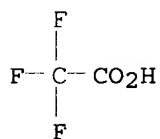
CRN 746670-10-0
CMF C26 H34 N4 O7 S

Absolute stereochemistry.



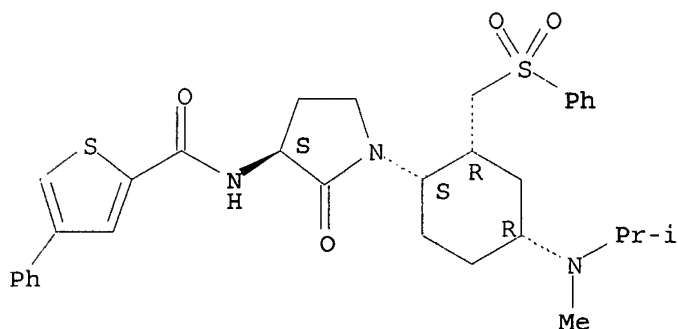
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RN 746670-12-2 CAPLUS
CN 2-Thiophenecarboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-4-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

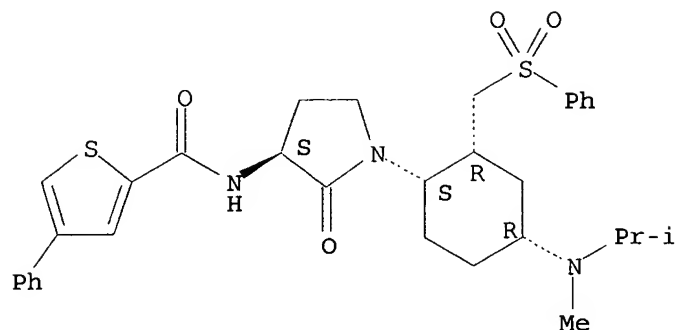


RN 746670-13-3 CAPLUS
CN 2-Thiophenecarboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-4-phenyl-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746670-12-2
CMF C32 H39 N3 O4 S2

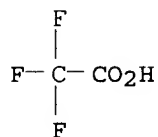
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 746670-15-5 CAPLUS

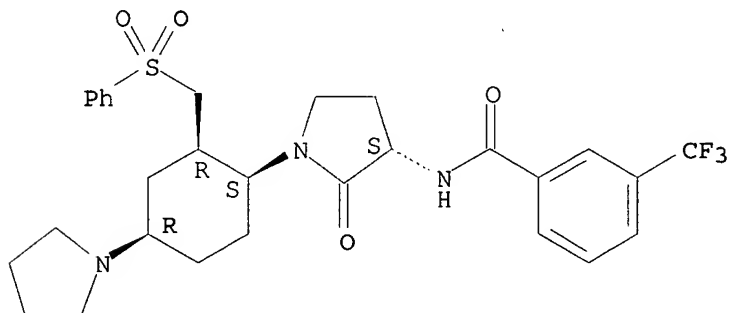
CN Benzamide, N-[(3S)-2-oxo-1-[(1S,2R,4R)-2-[(phenylsulfonyl)methyl]-4-(1-pyrrolidinyl)cyclohexyl]-3-pyrrolidinyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746670-14-4

CMF C29 H34 F3 N3 O4 S

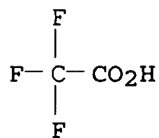
Absolute stereochemistry.



CM 2

CRN 76-05-1

CMF C2 H F3 O2



RN 746670-17-7 CAPLUS

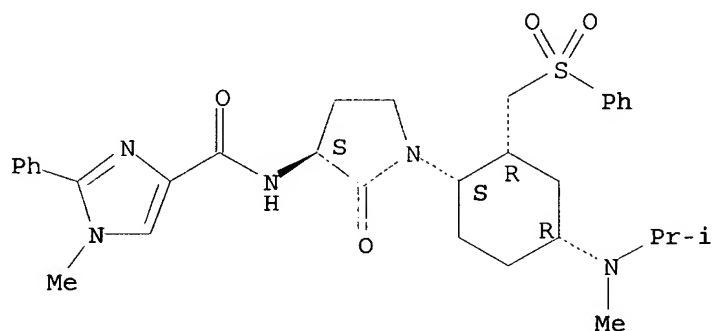
CN 1H-Imidazole-4-carboxamide, 1-methyl-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746670-16-6

CMF C32 H41 N5 O4 S

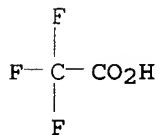
Absolute stereochemistry.



CM 2

CRN 76-05-1

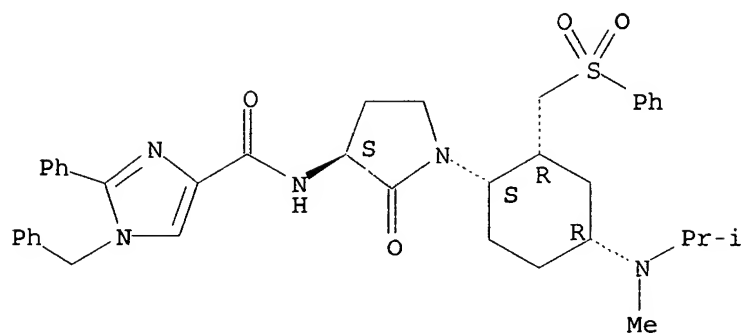
CMF C2 H F3 O2



RN 746670-18-8 CAPLUS

CN 1H-Imidazole-4-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl-1-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746670-19-9 CAPLUS

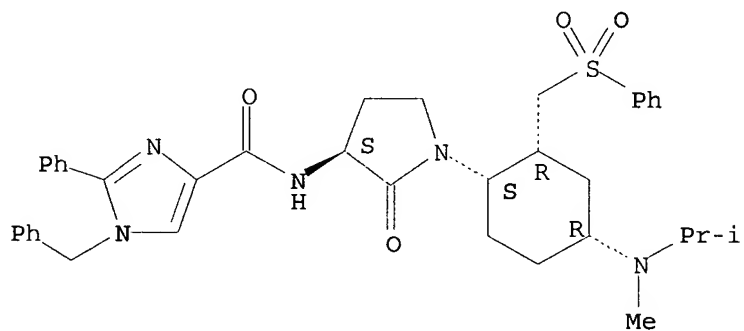
CN 1H-Imidazole-4-carboxamide, N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-2-phenyl-1-(phenylmethyl)-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746670-18-8

CMF C38 H45 N5 O4 S

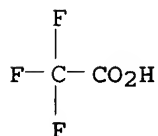
Absolute stereochemistry.



CM 2

CRN 76-05-1

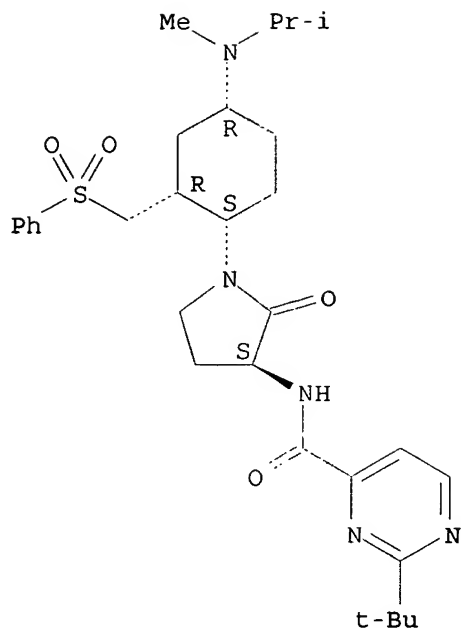
CMF C2 H F3 O2



RN 746670-20-2 CAPLUS

CN 4-Pyrimidinecarboxamide, 2-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746671-78-3 CAPLUS

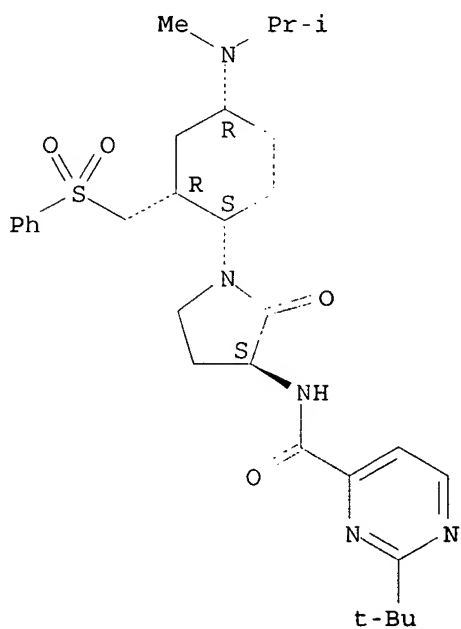
CN 4-Pyrimidinecarboxamide, 2-(1,1-dimethylethyl)-N-[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, trifluoroacetate (9CI) (CA INDEX NAME)

CM 1

CRN 746670-20-2

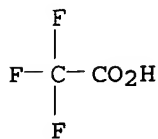
CMF C30 H43 N5 O4 S

Absolute stereochemistry.



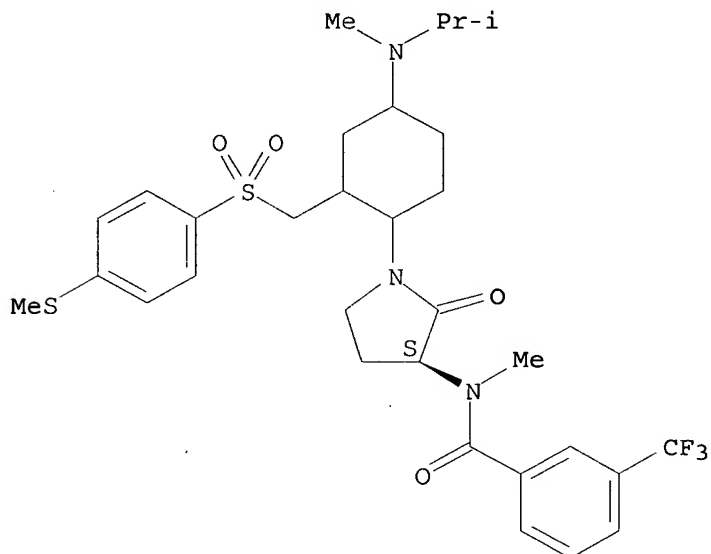
CM 2

CRN 76-05-1
CMF C2 H F3 O2



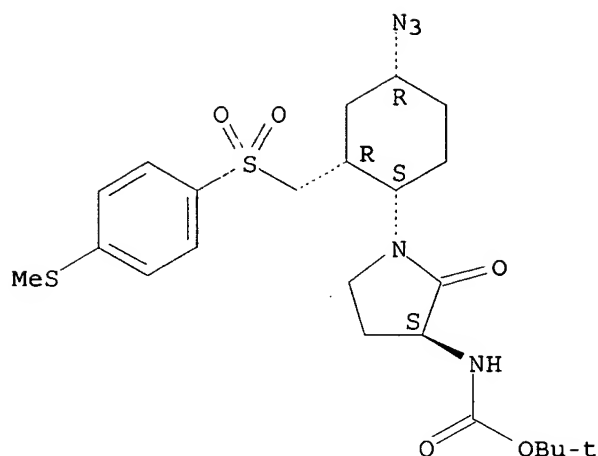
RN 748165-37-9 CAPLUS
CN Benzamide, N-methyl-N-[(3S)-1-[4-[methyl(1-methylethyl)amino]-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 746671-65-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of cyclohexyl-substituted lactams as modulators for cytokine receptor activity in the treatment of conditions such as inflammation, rheumatoid arthritis, asthma, multiple sclerosis, and atherosclerosis)
RN 746671-65-8 CAPLUS
CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-azido-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 746670-28-0P 746670-29-1P 746670-30-4P
 746670-31-5P 746670-34-8P 746670-35-9P
 746670-36-0P 746670-37-1P 746670-41-7P
 746670-42-8P 746670-43-9P 746670-44-0P
 746670-45-1P 746670-56-4P 746670-57-5P
 746670-58-6P 746670-70-2P 746670-71-3P
 746670-72-4P 746670-73-5P 746670-74-6P
 746670-75-7P 746670-76-8P 746670-77-9P
 746670-78-0P 746670-79-1P 746670-80-4P
 746670-81-5P 746670-82-6P 746670-83-7P
 746670-84-8P 746670-96-2P 746670-97-3P
 746670-98-4P 746670-99-5P 746671-00-1P
 746671-01-2P 746671-02-3P 746671-03-4P
 746671-04-5P 746671-12-5P 746671-13-6P
 746671-14-7P 746671-15-8P 746671-22-7P
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 746671-48-7P 746671-49-8P

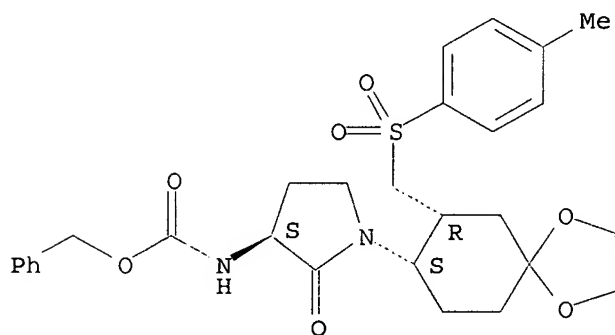
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of cyclohexyl-substituted lactams as modulators for cytokine receptor activity in the treatment of conditions such as inflammation, rheumatoid arthritis, asthma, multiple sclerosis, and atherosclerosis)

RN 746670-28-0 CAPLUS

CN Carbamic acid, [(3S)-1-[(7R,8S)-7-[[[(4-methylphenyl)sulfonyl]methyl]-1,4-dioxaspiro[4.5]dec-8-yl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

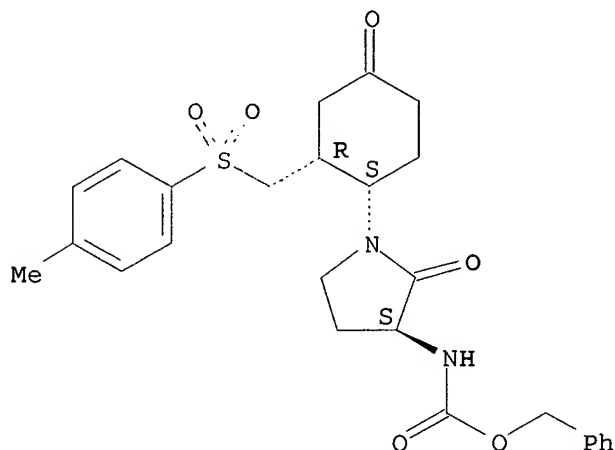
Absolute stereochemistry.



RN 746670-29-1 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R)-2-[[4-methylphenyl)sulfonyl)methyl]-4-oxocyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

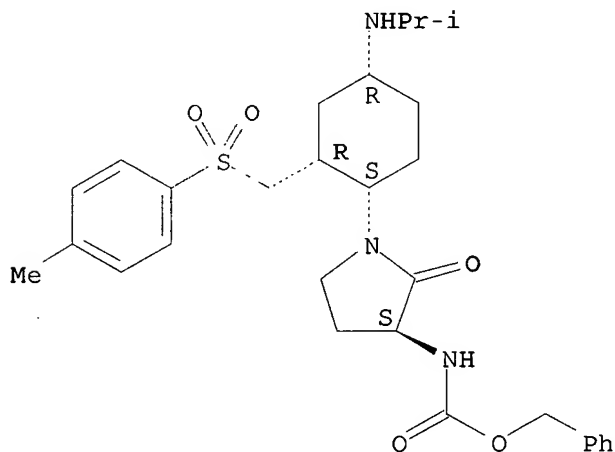
Absolute stereochemistry.



RN 746670-30-4 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-[(1-methylethyl)amino]-2-[[4-methylphenyl)sulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

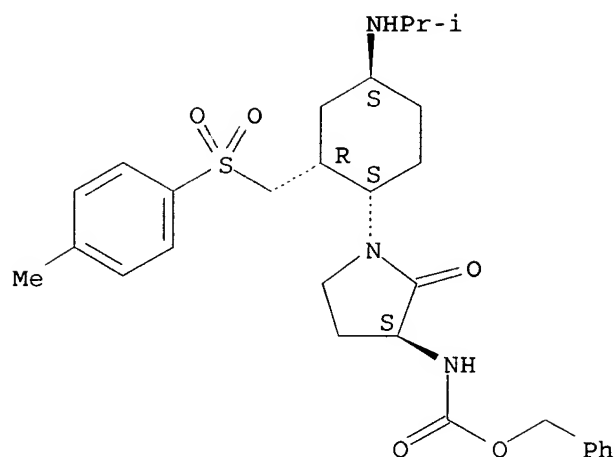
Absolute stereochemistry.



RN 746670-31-5 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4S)-4-[(1-methylethyl)amino]-2-[[4-methylphenyl)sulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

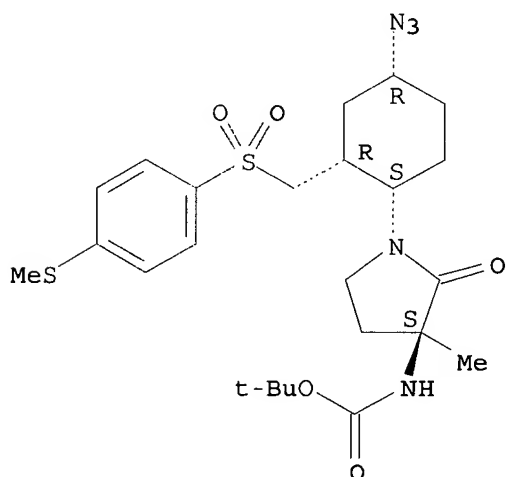
Absolute stereochemistry.



RN 746670-34-8 CAPLUS

CN Carbamic acid, [(3R)-1-[(1R,2S,4S)-4-azido-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-3-methyl-2-oxo-3-pyrrolidinyl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

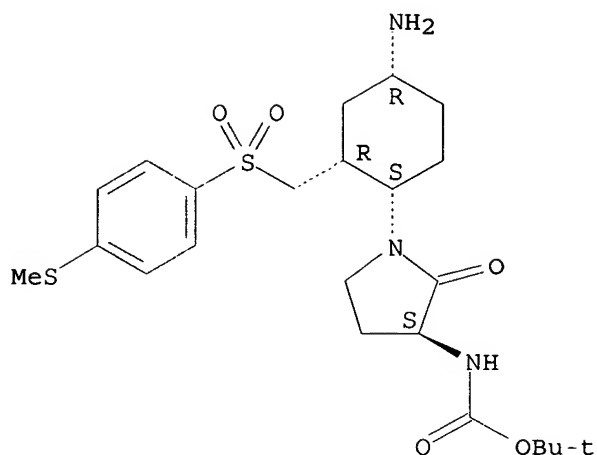
Relative stereochemistry.



RN 746670-35-9 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-amino-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

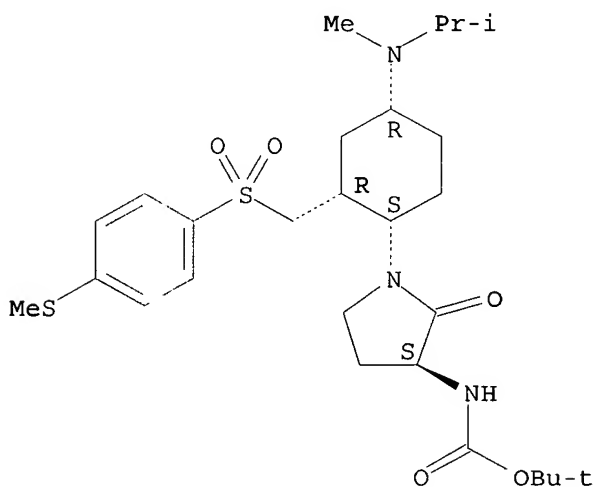
Absolute stereochemistry.



RN 746670-36-0 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

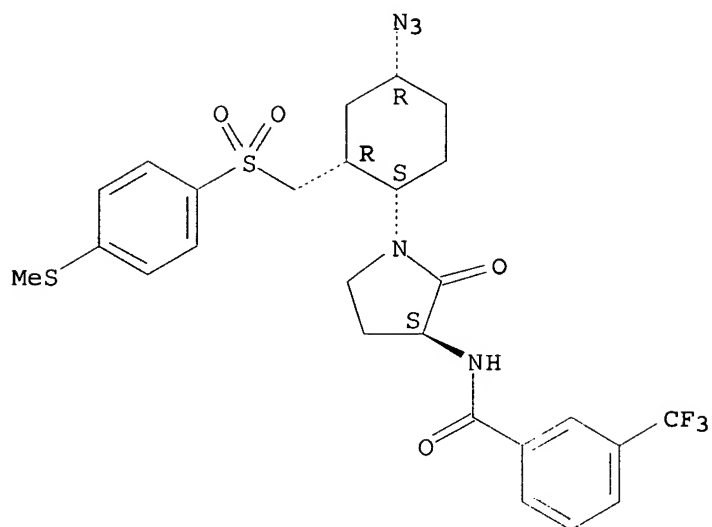
Absolute stereochemistry.



RN 746670-37-1 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-azido-2-[[[4-(methylthio)phenyl]sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

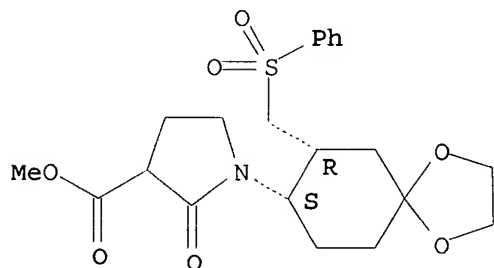
Absolute stereochemistry.



RN 746670-41-7 CAPLUS

CN 3-Pyrrolidinecarboxylic acid, 2-oxo-1-[(7R,8S)-7-[(phenylsulfonyl)methyl]-1,4-dioxaspiro[4.5]dec-8-yl]-, methyl ester (9CI) (CA INDEX NAME)

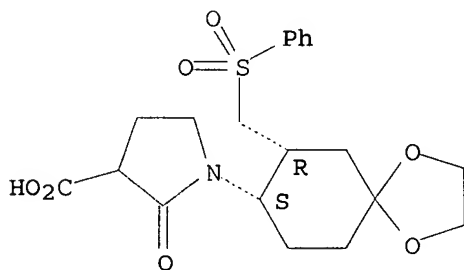
Absolute stereochemistry.



RN 746670-42-8 CAPLUS

CN 3-Pyrrolidinecarboxylic acid, 2-oxo-1-[(7R,8S)-7-[(phenylsulfonyl)methyl]-1,4-dioxaspiro[4.5]dec-8-yl]- (9CI) (CA INDEX NAME)

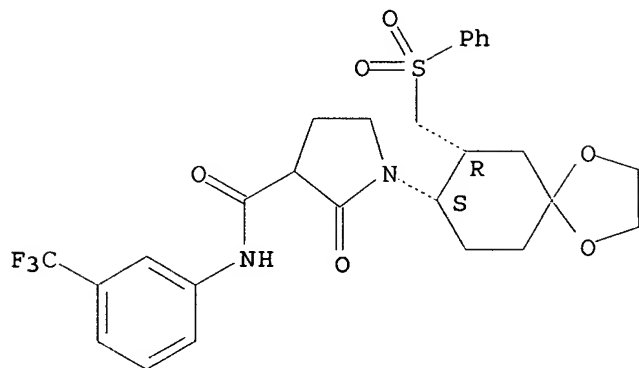
Absolute stereochemistry.



RN 746670-43-9 CAPLUS

CN 3-Pyrrolidinecarboxamide, 2-oxo-1-[(7R,8S)-7-[(phenylsulfonyl)methyl]-1,4-dioxaspiro[4.5]dec-8-yl]-N-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

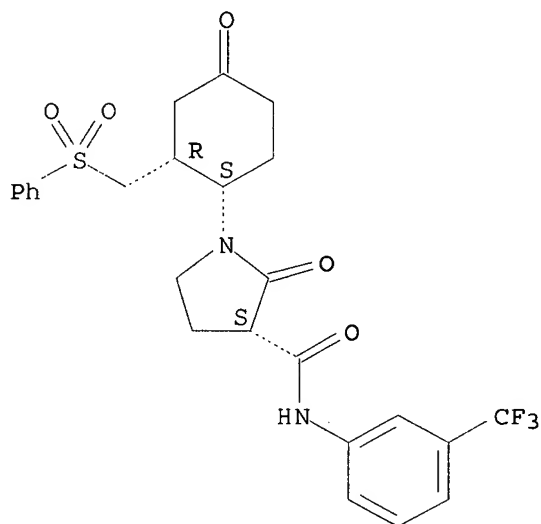
Absolute stereochemistry.



RN 746670-44-0 CAPLUS

CN 3-Pyrrolidinecarboxamide, 2-oxo-1-[(1S,2R)-4-oxo-2-[(phenylsulfonyl)methyl]cyclohexyl]-N-[3-(trifluoromethyl)phenyl]-, (3S)-(9CI) (CA INDEX NAME)

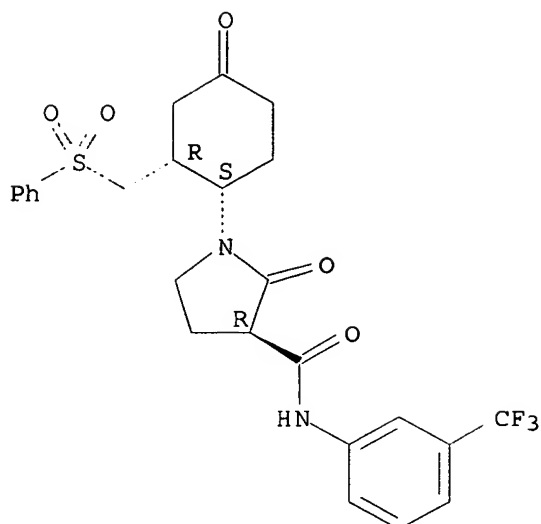
Absolute stereochemistry.



RN 746670-45-1 CAPLUS

CN 3-Pyrrolidinecarboxamide, 2-oxo-1-[(1S,2R)-4-oxo-2-[(phenylsulfonyl)methyl]cyclohexyl]-N-[3-(trifluoromethyl)phenyl]-, (3R)-(9CI) (CA INDEX NAME)

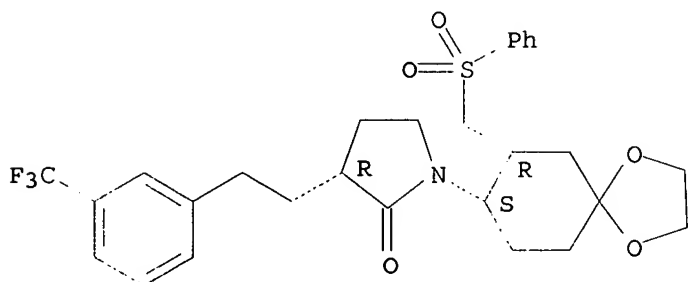
Absolute stereochemistry.



RN 746670-56-4 CAPLUS

CN 2-Pyrrolidinone, 1-[(7R,8S)-7-[(phenylsulfonyl)methyl]-1,4-dioxaspiro[4.5]dec-8-yl]-3-[2-[3-(trifluoromethyl)phenyl]ethyl]-, (3R)-(9CI) (CA INDEX NAME)

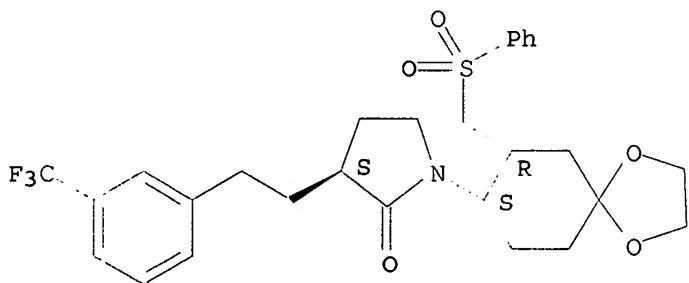
Absolute stereochemistry.



RN 746670-57-5 CAPLUS

CN 2-Pyrrolidinone, 1-[(7R,8S)-7-[(phenylsulfonyl)methyl]-1,4-dioxaspiro[4.5]dec-8-yl]-3-[2-[3-(trifluoromethyl)phenyl]ethyl]-, (3S)-(9CI) (CA INDEX NAME)

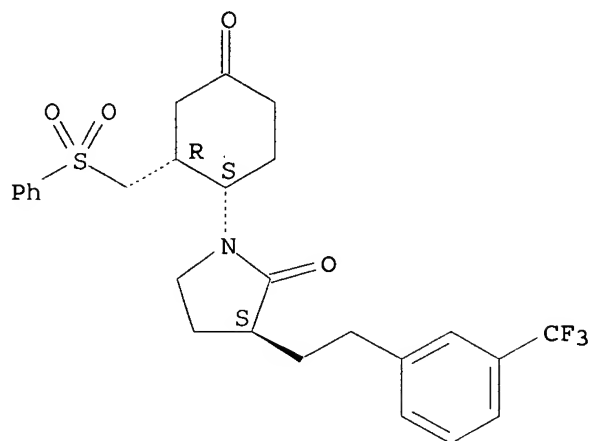
Absolute stereochemistry.



RN 746670-58-6 CAPLUS

CN 2-Pyrrolidinone, 1-[(1S,2R)-4-oxo-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[2-[3-(trifluoromethyl)phenyl]ethyl]-, (3S)-(9CI) (CA INDEX NAME)

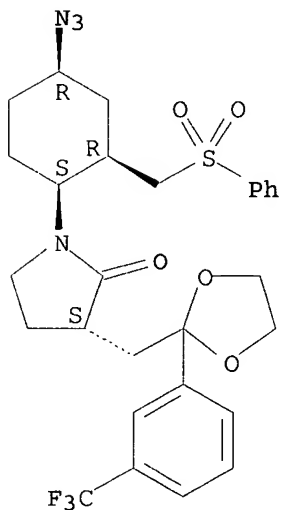
Absolute stereochemistry.



RN 746670-70-2 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-[3-(trifluoromethyl)phenyl]-1,3-dioxolan-2-yl]methyl]-, (3R)-rel-(9CI) (CA INDEX NAME)

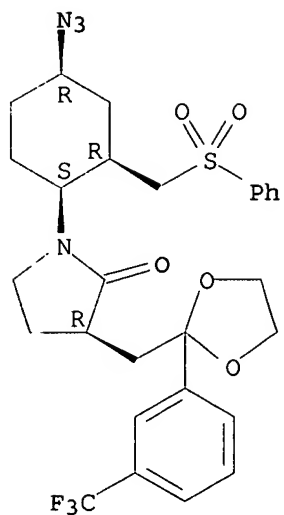
Relative stereochemistry.



RN 746670-71-3 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-[3-(trifluoromethyl)phenyl]-1,3-dioxolan-2-yl]methyl]-, (3S)-rel-(9CI) (CA INDEX NAME)

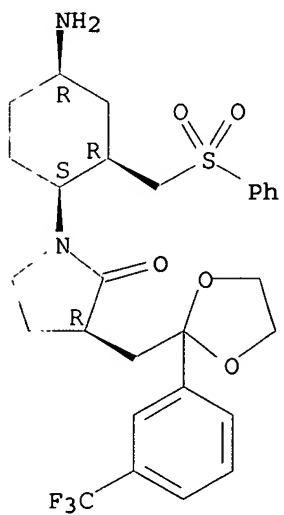
Relative stereochemistry.



RN 746670-72-4 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-amino-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-[3-(trifluoromethyl)phenyl]-1,3-dioxolan-2-yl]methyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

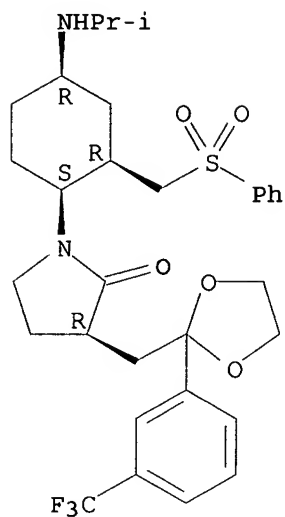
Relative stereochemistry.



RN 746670-73-5 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-[(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[[2-[3-(trifluoromethyl)phenyl]-1,3-dioxolan-2-yl]methyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

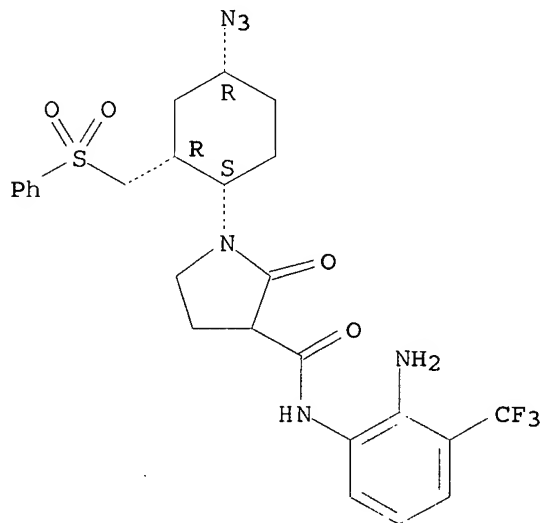
Relative stereochemistry.



RN 746670-74-6 CAPLUS

CN 3-Pyrrolidinecarboxamide, N-[2-amino-3-(trifluoromethyl)phenyl]-1-[(1R,2S,4S)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-, rel-(9CI) (CA INDEX NAME)

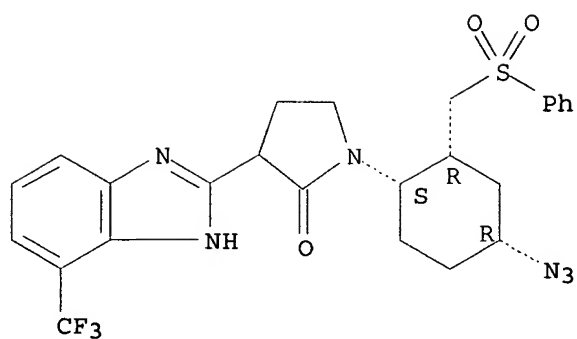
Relative stereochemistry.



RN 746670-75-7 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[4-(trifluoromethyl)-1H-benzimidazol-2-yl]-, rel-(9CI) (CA INDEX NAME)

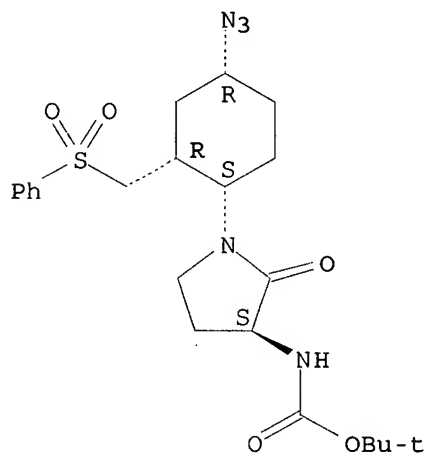
Relative stereochemistry.



RN 746670-76-8 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

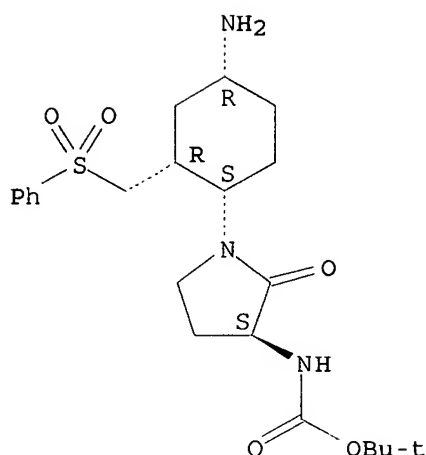
Absolute stereochemistry.



RN 746670-77-9 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-amino-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

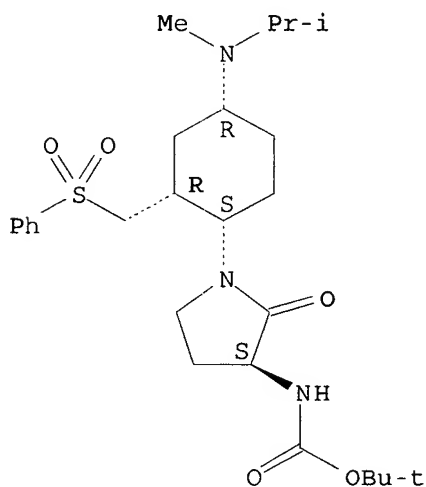
Absolute stereochemistry.



RN 746670-78-0 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

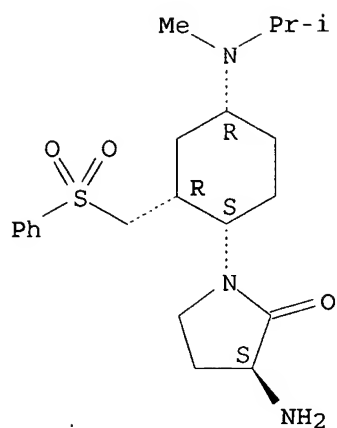
Absolute stereochemistry.



RN 746670-79-1 CAPLUS

CN 2-Pyrrolidinone, 3-amino-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

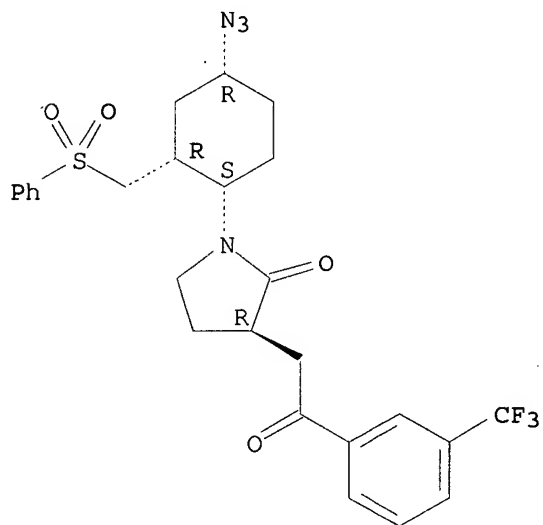
Absolute stereochemistry.



RN 746670-80-4 CAPLUS

CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[2-oxo-2-[3-(trifluoromethyl)phenyl]ethyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

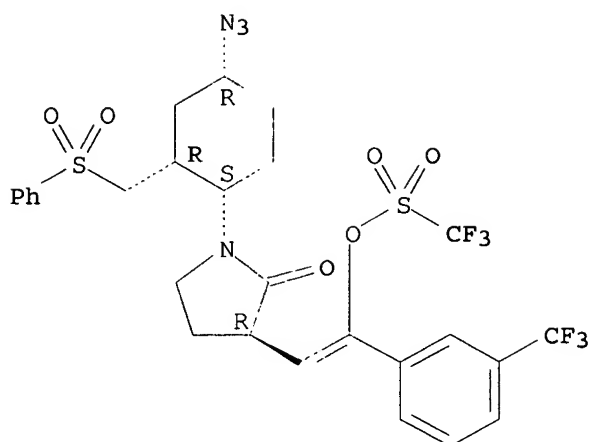


RN 746670-81-5 CAPLUS

CN Methanesulfonic acid, trifluoro-, 2-[(3S)-1-[(1R,2S,4S)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-1-[3-(trifluoromethyl)phenyl]ethenyl ester, rel- (9CI) (CA INDEX NAME)

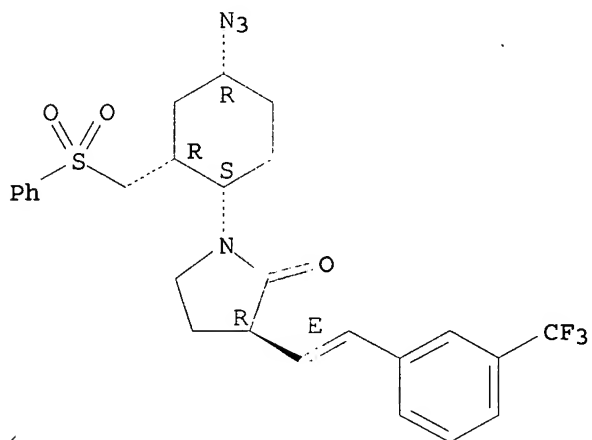
Relative stereochemistry.

Double bond geometry unknown.



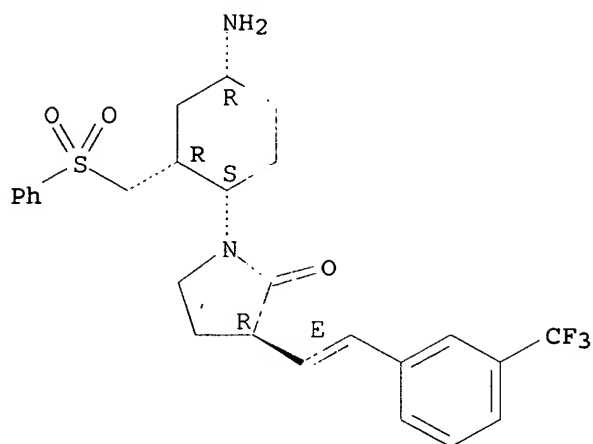
RN 746670-82-6 CAPLUS
 CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(1E)-2-[3-(trifluoromethyl)phenyl]ethenyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



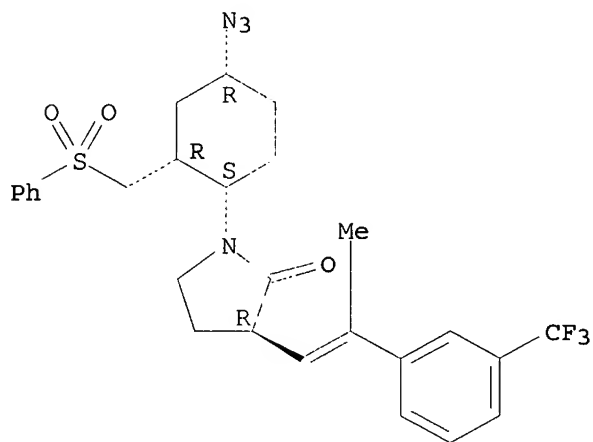
RN 746670-83-7 CAPLUS
 CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-amino-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[(1E)-2-[3-(trifluoromethyl)phenyl]ethenyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



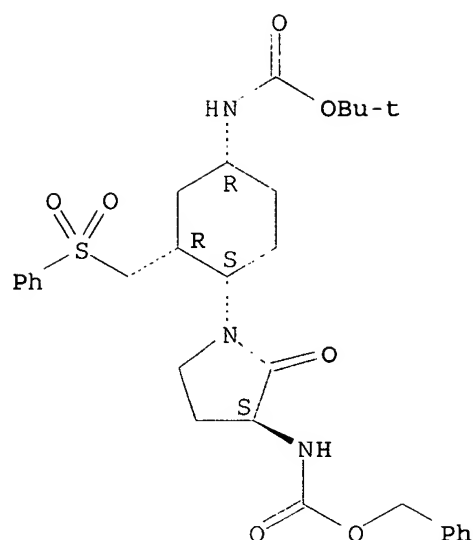
RN 746670-84-8 CAPLUS
 CN 2-Pyrrolidinone, 1-[(1R,2S,4S)-4-azido-2-[(phenylsulfonyl)methyl]cyclohexyl]-3-[2-[3-(trifluoromethyl)phenyl]-1-propenyl]-, (3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry unknown.



RN 746670-96-2 CAPLUS
 CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-[[[(1,1-dimethylethoxy)carbonyl]amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

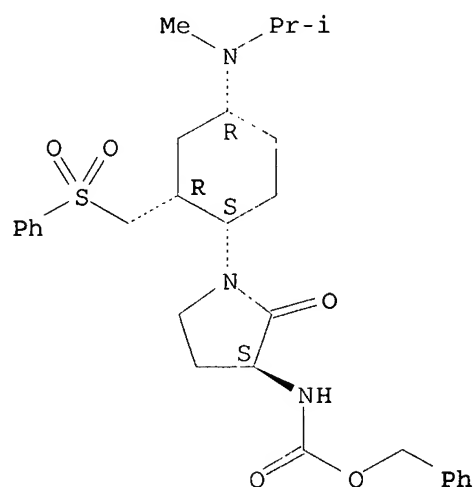
Absolute stereochemistry.



RN 746670-97-3 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

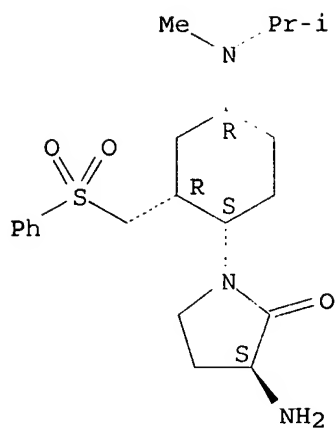
Absolute stereochemistry.



RN 746670-98-4 CAPLUS

CN 2-Pyrrolidinone, 3-amino-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, dihydrobromide, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

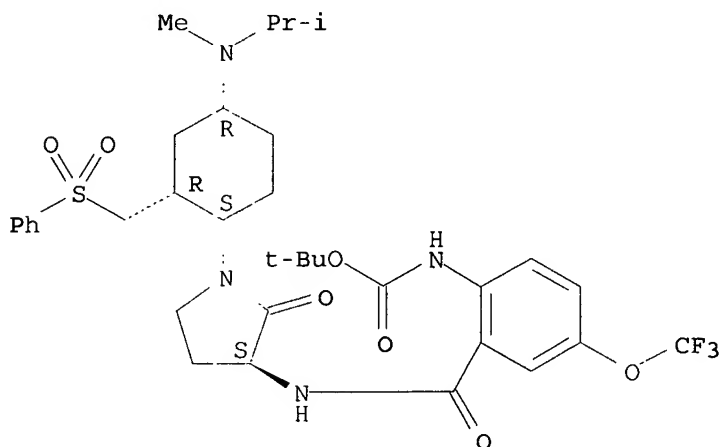


● 2 HBr

RN 746670-99-5 CAPLUS

CN Carbamic acid, [2-[[[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]amino]carbonyl]-4-(trifluoromethoxy)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

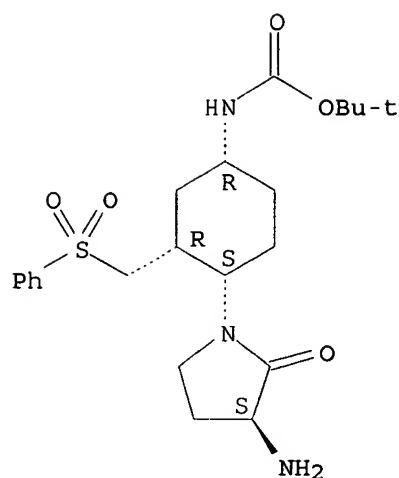
Absolute stereochemistry.



RN 746671-00-1 CAPLUS

CN Carbamic acid, [(1R,3R,4S)-4-[(3S)-3-amino-2-oxo-1-pyrrolidinyl]-3-[(phenylsulfonyl)methyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

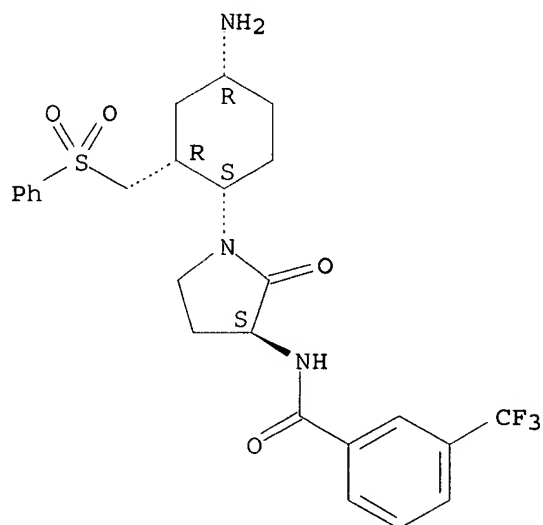
Absolute stereochemistry.



RN 746671-01-2 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-amino-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746671-02-3 CAPLUS

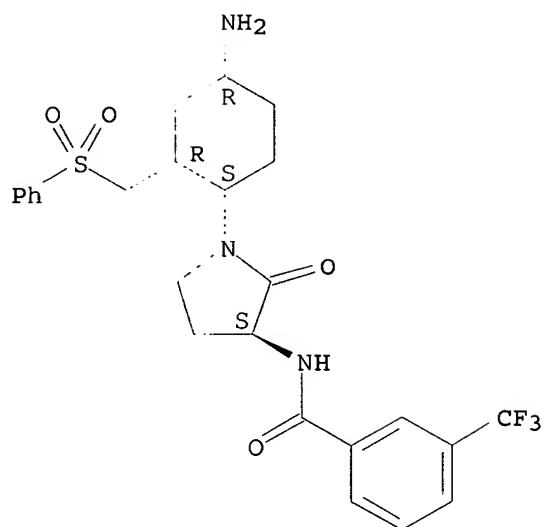
CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-amino-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 746671-01-2

CMF C25 H28 F3 N3 O4 S

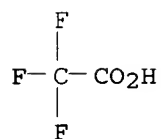
Absolute stereochemistry.



CM 2

CRN 76-05-1

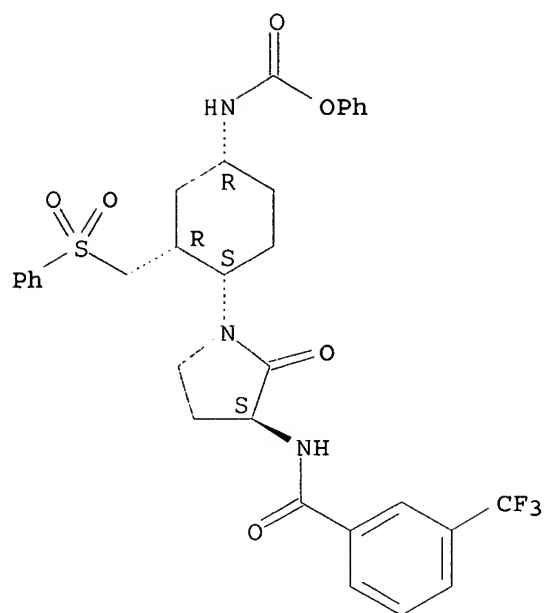
CMF C2 H F3 O2



RN 746671-03-4 CAPLUS

CN Carbamic acid, [(1R,3R,4S)-4-[(3S)-2-oxo-3-[[3-(trifluoromethyl)benzoyl]amino]-1-pyrrolidinyl]-3-[(phenylsulfonyl)methyl]cyclohexyl]-, phenyl ester (9CI) (CA INDEX NAME)

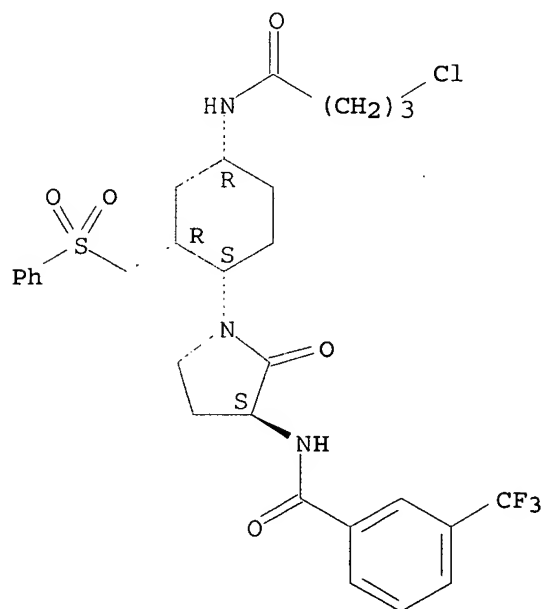
Absolute stereochemistry.



RN 746671-04-5 CAPLUS

CN Benzamide, N-[(3S)-1-[(1S,2R,4R)-4-[(4-chloro-1-oxobutyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

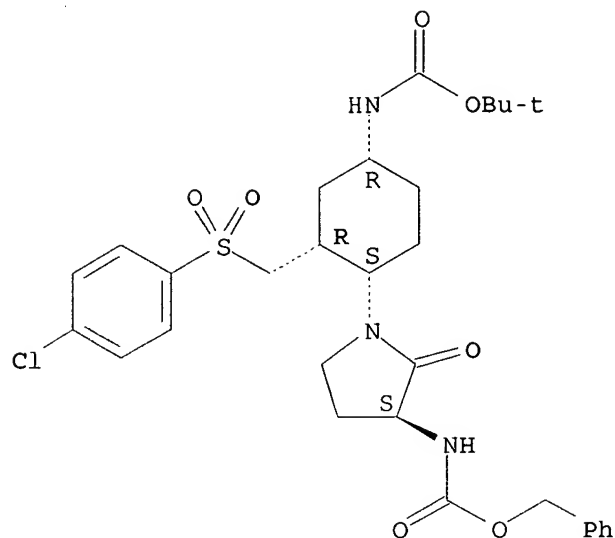
Absolute stereochemistry.



RN 746671-12-5 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-2-[[[4-chlorophenyl]sulfonyl]methyl]-4-[[[1,1-dimethylethoxy]carbonyl]amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

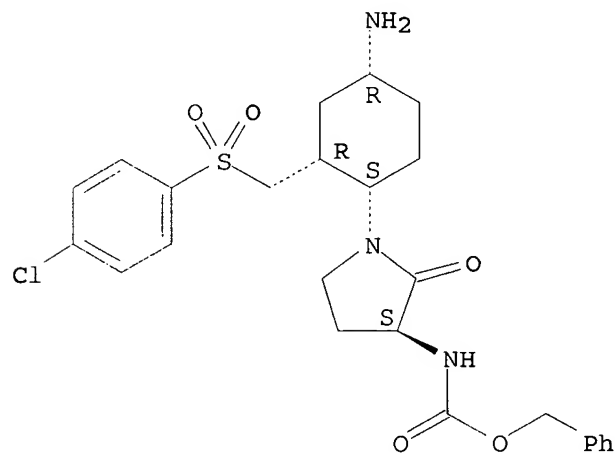
Absolute stereochemistry.



RN 746671-13-6 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-amino-2-[[4-chlorophenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

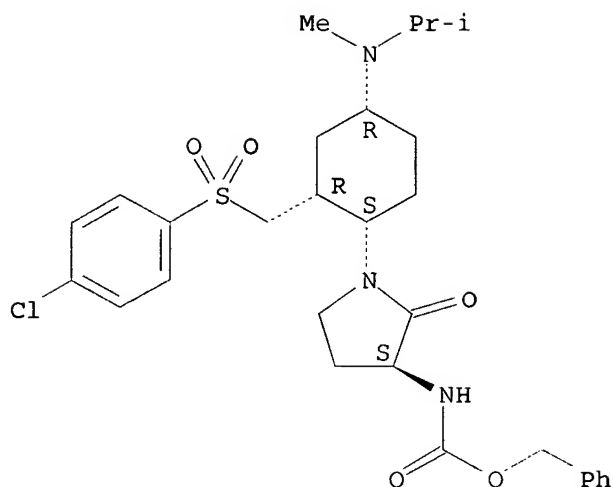
Absolute stereochemistry.



RN 746671-14-7 CAPLUS

CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-2-[[4-chlorophenyl)sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

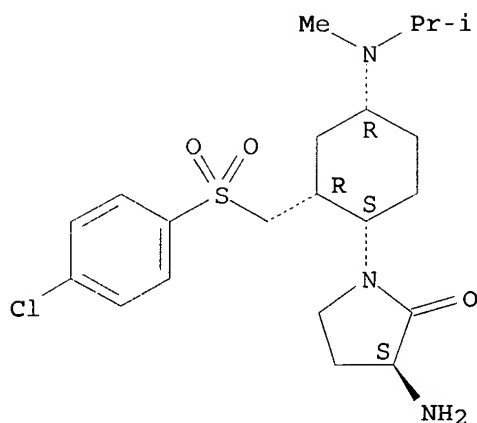
Absolute stereochemistry.



RN 746671-15-8 CAPLUS

CN 2-Pyrrolidinone, 3-amino-1-[(1S,2R,4R)-2-[[[4-chlorophenyl]sulfonyl]methyl]-4-[methyl(1-methylethyl)amino]cyclohexyl]-, dihydrobromide, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

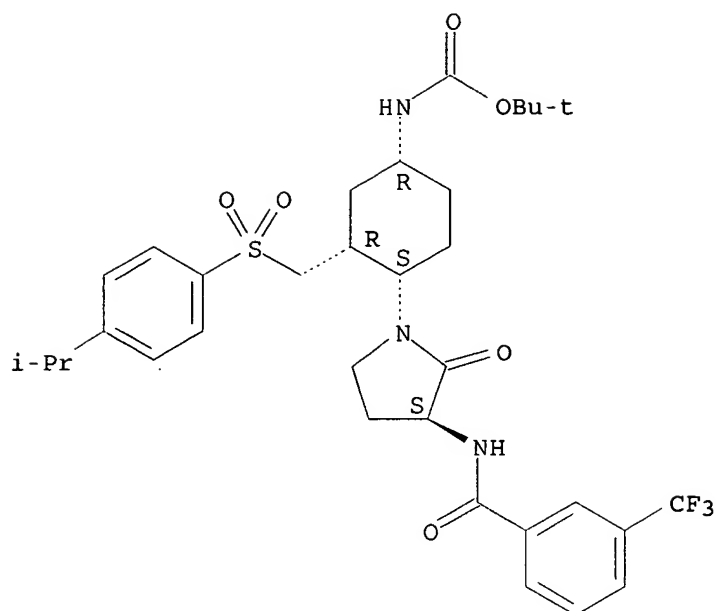


●2 HBr

RN 746671-22-7 CAPLUS

CN Carbamic acid, [(1R,3R,4S)-3-[[[4-(1-methylethyl)phenyl]sulfonyl]methyl]-4-[(3S)-2-oxo-3-[[3-(trifluoromethyl)benzoyl]amino]-1-pyrrolidinyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

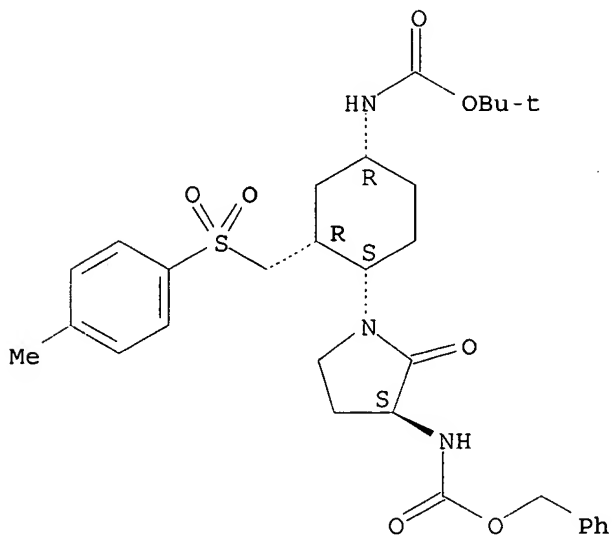
Absolute stereochemistry.



RN 746671-24-9 CAPLUS

CN Carbamic acid, [1-[(1S,2R,4R)-4-[[[(1,1-dimethylethoxy)carbonyl]amino]-2-[[[4-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

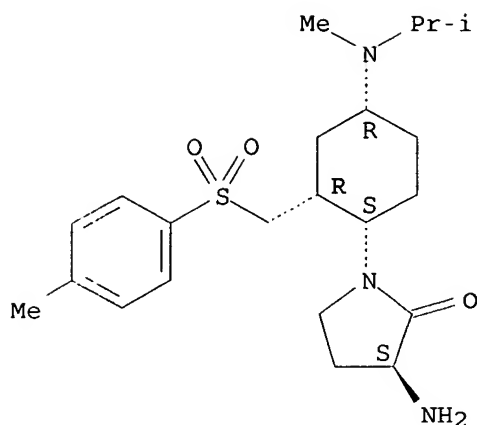
Absolute stereochemistry.



RN 746671-25-0 CAPLUS

CN 2-Pyrrolidinone, 3-amino-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[[4-methylphenyl)sulfonyl]methyl]cyclohexyl]-, dihydrobromide, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

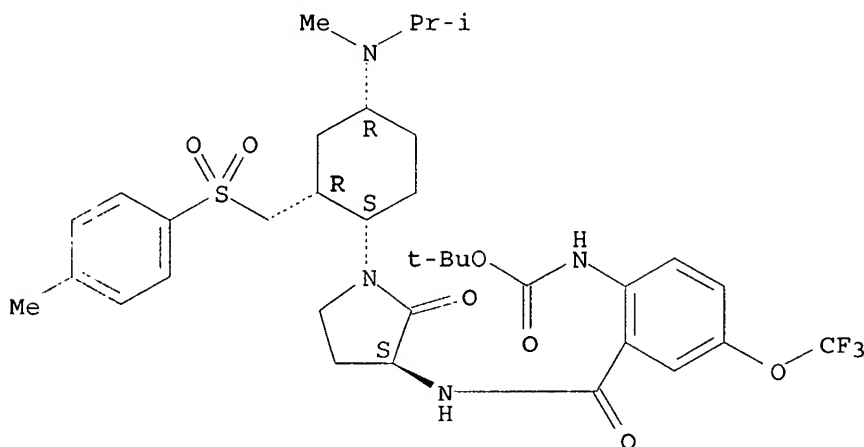


●2 HBr

RN 746671-26-1 CAPLUS

CN Carbamic acid, [2-[[[(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[[[(4-methylphenyl)sulfonyl]methyl]cyclohexyl]-2-oxo-3-pyrrolidinyl]amino]carbonyl]-4-(trifluoromethoxy)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

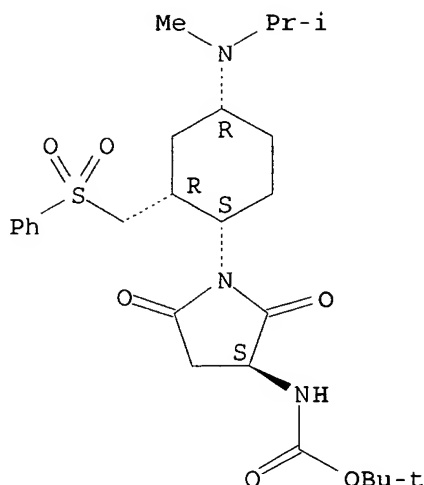
Absolute stereochemistry.



RN 746671-48-7 CAPLUS

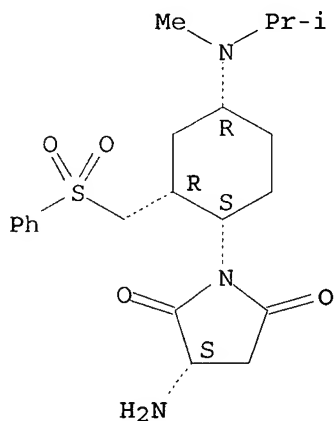
CN Carbamic acid, [(3S)-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-2,5-dioxo-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 746671-49-8 CAPLUS
 CN 2,5-Pyrrolidinedione, 3-amino-1-[(1S,2R,4R)-4-[methyl(1-methylethyl)amino]-2-[(phenylsulfonyl)methyl]cyclohexyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1987:439554 CAPLUS
 DOCUMENT NUMBER: 107:39554
 TITLE: Synthesis of dihydro-1H-pyrrolo- and tetrahydropyrido[1,2-a]indoles via a modified Madelung reaction
 AUTHOR(S): Verboom, W.; Orlemans, E. O. M.; Berga, H. J.; Scheltinga, M. W.; Reinhoudt, D. N.
 CORPORATE SOURCE: Lab. Org. Chem., Twente Univ. Technol., Enschede, 7500 AE, Neth.
 SOURCE: Tetrahedron (1986), 42(18), 5053-64
 CODEN: TETRAB; ISSN: 0040-4020
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 107:39554
 GI For diagram(s), see printed CA Issue.
 AB Lactams I (R = cyano, tosyl, CO2CMe3; R1 = H, OMe; R2 = H, OMe, Me; n = 2, 3, 4, 5) cyclize under the influence of sodium hydride or potassium tert-butoxide. Depending on the ring size of the lactam moiety,

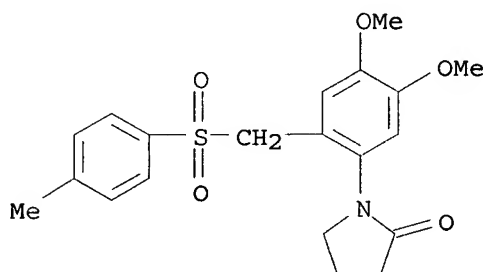
dihydropyrrolo[1,2-a]indoles II, tetrahydropyrido[1,2-a]indoles III, or dihydro-1H-1-benzazepine IV are formed. Starting from naphthaleneacetonitrile V, prepared in 5 steps from 2,3-dichloronaphthoquinone, the 5,10-dioxo-1H-pyrrolo[1,2-a]benz[f]indole VI is obtained upon treatment with base and subsequent oxidation of the protected hydroquinone function with ceric ammonium nitrate.

IT 109049-86-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and intramol. cyclocondensation of)

RN 109049-86-7 CAPLUS

CN 2-Pyrrolidinone, 1-[4,5-dimethoxy-2-[[[4-methylphenyl)sulfonyl)methyl]phenyl]- (9CI) (CA INDEX NAME)



L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1985:203345 CAPLUS

DOCUMENT NUMBER: 102:203345

TITLE: Cleaving of phthalimides

INVENTOR(S): Hagen, Helmut; Kohler, Rolf Dieter

PATENT ASSIGNEE(S): BASF A.-G., Fed. Rep. Ger.

SOURCE: Ger. Offen., 7 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

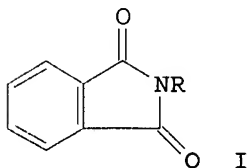
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3319650	A1	19841206	DE 1983-3319650	19830531
EP 127114	A1	19841205	EP 1984-105830	19840522
EP 127114	B1	19861029		
R: CH, DE, FR, GB, LI				
JP 59231028	A2	19841225	JP 1984-109779	19840531
PRIORITY APPLN. INFO.:			DE 1983-3319650	A 19830531

GI



AB Phthalimides I (R is an aromatic or heteroarom. residue) were cleaved by alkanolamines, preferably ethanolamine (II). Thus, 100 g I (R =

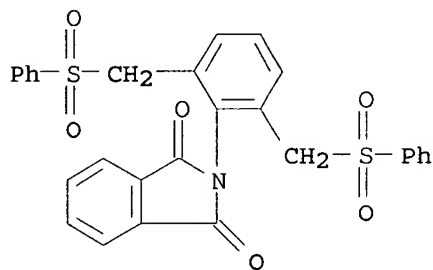
2-NCCH₂C₆H₄) was added to 100 g II at 80° and, after 10 min, the mixture cooled to 20° and diluted with ice water to give 80% 2-NCCH₂C₆H₄NH₂.

IT 95539-55-2 95539-85-8

RL: RCT (Reactant); RACT (Reactant or reagent)
(cleavage of, with alkanolamine)

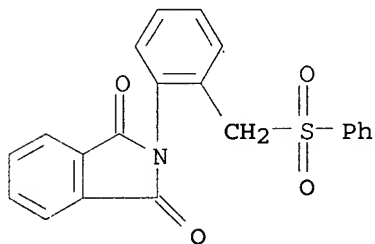
RN 95539-55-2 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[2,6-bis[(phenylsulfonyl)methyl]phenyl] - (9CI) (CA INDEX NAME)



RN 95539-85-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[2-[(phenylsulfonyl)methyl]phenyl] - (9CI)
(CA INDEX NAME)



=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
21.05	190.24

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-2.19	-2.19

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:16:25 ON 27 DEC 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJRK1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
 SESSION RESUMED IN FILE 'CAPLUS, MEDLINE' AT 10:19:11 ON 27 DEC 2005
 FILE 'CAPLUS' ENTERED AT 10:19:11 ON 27 DEC 2005
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 FILE 'MEDLINE' ENTERED AT 10:19:11 ON 27 DEC 2005

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.05	190.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.05	190.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

SESSION WILL BE HELD FOR 60 MINUTES
 STN INTERNATIONAL SESSION SUSPENDED AT 10:19:29 ON 27 DEC 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJRK1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
 SESSION RESUMED IN FILE 'CAPLUS, MEDLINE' AT 10:25:17 ON 27 DEC 2005
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 FILE 'MEDLINE' ENTERED AT 10:25:17 ON 27 DEC 2005

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.05	190.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.05	190.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6
 DICTIONARY FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
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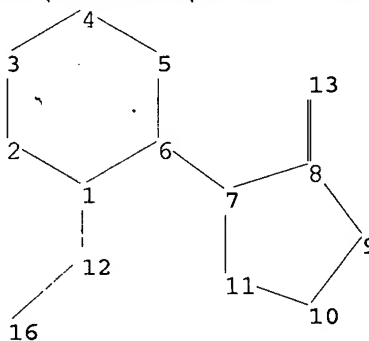
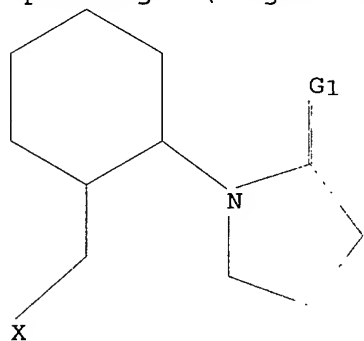
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10776828\Struc 4.str



chain nodes :

12 13 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

1-12 6-7 8-13 12-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-13 9-10 10-11

exact bonds :

1-12 12-16

Page 172

G1:O,S

G2:C,N

Match level :

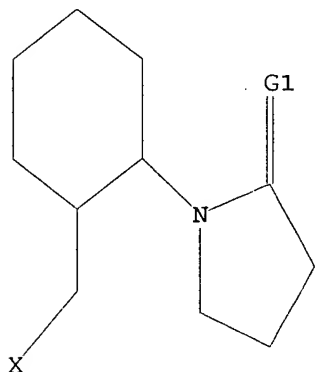
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 16:CLASS

L8 STRUCTURE UPLOADED

=> d

L8 HAS NO ANSWERS

L8 STR



G1 O,S

G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> l8

SAMPLE SEARCH INITIATED 10:25:45 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 90 TO ITERATE

100.0% PROCESSED 90 ITERATIONS

10 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1231 TO 2369

PROJECTED ANSWERS: 11 TO 389

L9 10 SEA SSS SAM L8

=> l8 full

FULL SEARCH INITIATED 10:25:50 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1996 TO ITERATE

100.0% PROCESSED 1996 ITERATIONS

273 ANSWERS

SEARCH TIME: 00.00.01

L10 273 SEA SSS FUL L8

=> file caplus medline

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	161.33	351.57

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.19

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FILE 'MEDLINE' ENTERED AT 10:26:01 ON 27 DEC 2005

=> l10

L11 161 L10

=> dup rem l11

PROCESSING COMPLETED FOR L11

L12 161 DUP REM L11 (0 DUPLICATES REMOVED)

=> d scan

L12 161 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
 CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))
 TI Angular to linear rearrangement of an isoindolo[2,1-a]quinazoline skeleton
 ST demethylation methoxyisoindoloquinazolinone rearrangement;
 isoindoloquinazolinone methoxy demethylation rearrangement;
 hydroxyisoindoloquinazolinone
 IT Demethylation
 Rearrangement
 (angular to linear rearrangement of isoindoloquinazoline skeleton in
 demethylation reaction)
 IT 628-13-7, Pyridine hydrochloride
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (angular to linear rearrangement of isoindoloquinazoline skeleton)
 IT 19348-47-1P 159891-26-6P 159891-28-8P 159891-29-9P
 159891-30-2P 159891-31-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (angular to linear rearrangement of isoindoloquinazoline skeleton)
 IT 159891-27-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (angular to linear rearrangement of isoindoloquinazoline skeleton)
 IT 85-44-9, Phthalic anhydride
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction with methoxymethylaniline)
 IT 102-50-1, 4-Methoxy-2-methylaniline
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction with phthalic anhydride)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	6.29	357.86

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.19

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:26:47 ON 27 DEC 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJRK1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS, MEDLINE' AT 10:27:24 ON 27 DEC 2005
FILE 'CAPLUS' ENTERED AT 10:27:24 ON 27 DEC 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.29	357.86
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.19

=> d his

(FILE 'HOME' ENTERED AT 10:07:26 ON 27 DEC 2005)

FILE 'REGISTRY' ENTERED AT 10:07:34 ON 27 DEC 2005

L1 STRUCTURE UPLOADED
L2 18 L1
L3 297 L1 FULL

FILE 'CAPLUS, MEDLINE' ENTERED AT 10:08:10 ON 27 DEC 2005

L4 3 L3

FILE 'REGISTRY' ENTERED AT 10:08:19 ON 27 DEC 2005

L5 297 DUP REM L3 (0 DUPLICATES REMOVED)

FILE 'CAPLUS' ENTERED AT 10:08:26 ON 27 DEC 2005

L6 3 DUP REM L4 (0 DUPLICATES REMOVED)

FILE 'CAPLUS, MEDLINE' ENTERED AT 10:08:36 ON 27 DEC 2005

L7 3 DUP REM L4 (0 DUPLICATES REMOVED)

FILE 'REGISTRY' ENTERED AT 10:25:25 ON 27 DEC 2005

L8 STRUCTURE UPLOADED
L9 10 L8
L10 273 L8 FULL

FILE 'CAPLUS, MEDLINE' ENTERED AT 10:26:01 ON 27 DEC 2005

L11 161 L10
L12 161 DUP REM L11 (0 DUPLICATES REMOVED)

=> d l12 151-161 ibib abs hitstr

L12 ANSWER 151 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1960:86368 CAPLUS
DOCUMENT NUMBER: 54:86368
ORIGINAL REFERENCE NO.: 54:16418b-h
TITLE: Synthesis of 1-phenyl-1,3-propanediol and derivatives

of 1-(substituted-phenyl)-1,3-propanediols via the Wohl-Ziegler reaction

AUTHOR(S): Owen, Tsung-Yao; Kao, Yee-Sheng
 CORPORATE SOURCE: Acad. Sinica, Shanghai
 SOURCE: Huaxue Xuebao (1959), 25, 312-20
 CODEN: HHHPA4; ISSN: 0567-7351

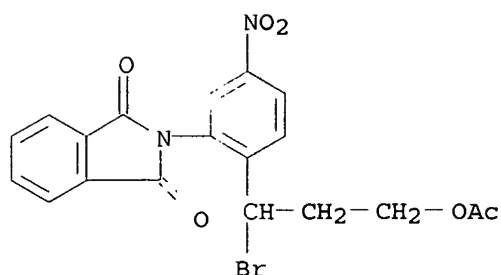
DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable

AB A new route for the synthesis of 1-(substituted-phenyl)-1,3-propanediols via the Wohl-Ziegler reaction was described. 2,4-H₂N(O₂N)C₆H₃(CH₂)₃OH (I) (15 g.) in 150 ml. HCl-saturated AcOH was mixed with 8 g. AcCl in an ice bath and kept overnight to give 95% 2,4-H₂N(O₂N)C₆H₃(CH₂)₃OAc (II), m. 101-2° (MeOH), which yielded 81% 2,4-OHCNH(O₂N)C₆H₃(CH₂)₃OAc, m. 113-14°, on warming with 90% HCO₂H and 74% 2,4-ETO₂CNH(O₂N)C₆H₃(CH₂)₃OAc, m. 106-7°, on refluxing 1 hr. with ClCO₂Et in EtOH and PhNMe₂ solution. Likewise, 2,4-HCl.H₂NCH₂(O₂N)C₆H₃(CH₂)₃OH gave 85% 2,4-H₂NCH₂(O₂N)C₆H₃(CH₂)₃OAc (III), isolated as the picrate, m. 203-4°. II (12 g.) and 8 g. phthalic anhydride (IV) mixed and heated 30 min. at 165-70° gave 82% 3-(2-phthalimido-4-nitrophenyl)propyl acetate (V), m. 123-4° (AcOEt), which (1 g.) was hydrolyzed (at the b.p. 2 hrs. with a mixture of 3 ml. AcOH, 3 ml. concentrated HCl, and 4 ml. H₂O) to 75% II or (with a mixture of 10 ml. EtOH, 4 ml. concentrated HCl, and 8 ml. H₂O) to 73% I, m. 89-90°. Similarly, III and IV gave 89% 3-(2-phthalimidomethyl-4-nitrophenyl)propyl acetate (VI), m. 165-6° (Et₂O). Bromination of V, VI, Ph(CH₂)₃O₂CC₆H₃(NO₂)_{2-3,5}, and 2,4-CN(O₂N)C₆H₃(CH₂)₃OBz, resp., with bromosuccinimide at refluxing temperature 3 hrs. in dry CHCl₃ in the presence of Bz₂O₂ gave the following 2,4-RR'C₆H₃CHBrCH₂CH₂OR'' (VII) (R, R', R'', % yield, and m.p. given): phthalimido, NO₂, Ac (VIIa), 93, 136-7° (AcOEt); phthalimidomethyl, NO₂, Ac, 88, 120°; H, H, 3,5-(NO₂)₂C₆H₃CO, 86, 121-2°; CN, NO₂, Bz, 94, 105°. Refluxing 1 g. VIIa with 2 ml. 48% HBr in 10 ml. AcOH gave 0.2 g. 7-nitroquinoline, m. 132-3°. VII gave 2,4-RR'C₆H₃CH(OR''')CH₂CH₂OR'' (VIII) on refluxing at 110° 5 hrs. with AcOAg or AcOK in AcOH solution [R, R', R'', R''', % yield, m.p. (AcOEt) given]: phthalimido, NO₂, Ac, H (VIIIa), 89, 139°; phthalimidomethyl, NO₂, Ac, Ac, 82, 174°; H, H, 3,5-(NO₂)₂C₆H₃CO, Ac (VIIIb), 83, 152°; CN, NO₂, Bz, Ac, 74, 120°. VIIIb (4 g.) was hydrolyzed by refluxing 4 hrs. with 15 ml. 10% aqueous KOH to 1.02 g. PhCH(OH)CH₂CH₂OH, b₁₁ 175°; di-p-nitrobenzoate m. 111°. VIIIa (1.5 g.) refluxed 2 hrs. with 4 ml. concentrated HCl in aqueous alc. and then mixed with 1.3 g. Cl₂CHCOCl in 20 ml. 3% HCl and 6 g. AcONa at 0° gave 2,4-Cl₂CHCONH(O₂N)C₆H₃CH(OH)CH₂CH₂O₂CCHCl₂, m. 136° (AcOEt). o-O₂NC₆H₄CH(OBz)CH₂CH₂OBz, m. 132°, was obtained by reduction of 2.5 g. o-O₂NC₆H₄CH(OH)CH₂CHO with 0.4 g. LiAlH₄ in 30 ml. dry Et₂O (reflux temperature, 2 hrs.) and then benzoylation of the product with BzCl in dry pyridine.

IT 101937-35-3, Phthalimide, N-[2-(1-bromo-3-hydroxypropyl)-5-nitrophenyl]-, acetate (preparation of)

RN 101937-35-3 CAPLUS

CN Phthalimide, N-[2-(1-bromo-3-hydroxypropyl)-5-nitrophenyl]-, acetate (6CI) (CA INDEX NAME)



L12 ANSWER 152 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1959:17217 CAPLUS

DOCUMENT NUMBER: 53:17217

ORIGINAL REFERENCE NO.: 53:3195i,3196a-i,3197a-c

TITLE: New substituted o-phenylenediamines. II

AUTHOR(S): Cattapan, Domenico; Valcavi, Umberto; Alberti, Carlo G.

CORPORATE SOURCE: Farm. Italia, Milan

SOURCE: Gazzetta Chimica Italiana (1958), 88, 13-23

CODEN: GCITA9; ISSN: 0016-5603

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB cf. C.A. 52, 14549h. After many unsuccessful attempts

4,5,1,2-MePh(H₂N)2C₆H₂ (I) was synthesized as a precursor of vitamin B₁₂ analogs. Efforts to prepare the corresponding 4,5,1,2-Ph₂(H₂N)2C₆H₂ (II) led to 4,5,1,2-Ph(EtO₂CNH)2C₆H₂ (III), saponified to 5,6-diphenylbenzimidazolone (IV), transformed by chlorination and hydrogenation to 5,6-diphenylbenzimidazole (V), also useful as an intermediate in the biosynthesis of vitamin B₁₂. Ac₂O (10 ml.) containing 3 drops of concentrated H₂SO₄ and 10 g. 2,4,5-Me(O₂N)2C₆H₂NH₂ (C.A. 34, 37002) heated 15 min. on a steam bath and the cooled mixture poured into 100 ml. ice H₂O, stirred 30 min. and filtered, the product washed to neutrality with H₂O, and crystallized (120 ml. alc.) gave 9 g. 2,4,5-Me(O₂N)2C₆H₂NHAc (VI), m. 179-80°. VI (8.5 g.) in 95 ml. AcOH and 49 ml. Ac₂O treated with 5.2 g. anhydrous KOAc and 0.65 g. P₂O₅ and the mixture stirred 32 min. with dropwise addition of 3.5 g. NOCl in 16 g. Ac₂O, the mixture poured onto 500 g. cracked ice and kept 20 min., the product filtered off and washed well with H₂O and finally with petr. ether, the nitroso derivative (8.65 g., m. 170-2°) warmed 12 hrs. at 35° in 425 ml. dry thiophene-free C₆H₆ and refluxed 24 hrs., the cooled mixture filtered from 5.1 g. VI and the filtrate evaporated in vacuo, the tarry residue extracted 5 times with 100 ml. petr. ether, and the extract evaporated gave 750 mg. 2,1,4,5-MePh(O₂N)2C₆H₂ (VII), m. 118-20° (alc.). VII (3.35 g.) in 50 ml. dioxane hydrogenated 5 hrs. at 20°/1 atmospheric with 1.68 g. 10% Pd-C and the filtered solution treated with 5 ml. 20% HCl in dioxane, filtered, and the product washed with Et₂O gave 3.1 g. I.2HCl, m. 240-50° (H₂O). I.2HCl (135 mg.) and 105 mg. (PhCO)₂ refluxed 4 hrs. in 10 ml. 95% alc. and the cooled solution filtered, the product washed with H₂O, and crystallized (alc.) gave 125 mg. 7-methyl-2,3,6-triphenylquinoxaline, m. 145-6°. The low yield led to other unsuccessful attempts to prepare I such as the attempt from the biphenyl derivative, 2,5-Ph(O₂N)C₆H₃Me (VIII). VIII (21.3 g.) in 200 ml. 1:1 alc.-dioxane containing 0.2 ml. 30% NaOH hydrogenated at 20°/25 atmospheric with 20 g. Raney Ni and the filtered solution evaporated in vacuo, the residue diluted with H₂O and extracted with

EtOAc, the dried (Na₂SO₄) extract evaporated in vacuo, and the oily product distilled yielded 15 g. 2,5-Ph-(H₂N)C₆H₃Me (IX), b. 133-5°. IX (35.7 g.) acetylated with 100 ml. Ac₂O in 20 ml. C₅H₅N and the mixture kept overnight at room temperature, the solution poured into 400 g. ice and 30 ml.

concentrated HCl, filtered and the residue crystallized (dilute alc.), the product (32

g., m. 125-7°) nitrated at -5° with concentrated HNO₃-H₂SO₄, and the inseparable mixture hydrogenated at 20°/50 atmospheric gave a methyltriaminobiphenyl monoacetate, C₁₅H₁₇N₃O, m. 205-6°, saponified to a triamine, unreactive with (PhCO)₂ and therefore lacking vicinal NH₂ groups. Various other unsuccessful procedures are outlined including transformations of 5-methyl-6-bromobenzimidazole (X), prepared from 4,5,1,2-MeBr(H₂N)₂C₆H₂ (XI). XI (5 g., prepared according to Landquist, C.A. 48, 11427b) refluxed 1 hr. in 15 ml. 98% HCO₂H and the cooled mixture taken up in 100 ml. H₂O, adjusted to pH 8 with 10% NaOH and filtered, the residue washed to neutrality with distilled H₂O, and the dried product crystallized (C₆H₆) yielded 3.95 g. X, m. 196-8°. The synthesis of II by substitution of 2 vicinal NH₂ groups for 2 vicinal CO₂H groups was studied by model expts. based on phthalic acid. NN-Phthalimidoanthranilic acid (21 g.) in 100 ml. C₆H₆ refluxed 2 hrs. with 25 g. PCl₅ and the mixture cooled (ice-NaCl bath) gave 17.3 g. N,N-phthalimidoanthranilic acid chloride (XII), m. 152-3°. NaN₃ (6 g.) in 40 ml. H₂O stirred with addition of 17 g. XII and the mixture stirred 1 hr. at room temperature, kept overnight, and filtered gave 17 g. azide, m. 104-5°. The azide (10 g.) refluxed 3 hrs. with 4 g. PhCH₂OH in 50 ml. C₆H₆ and the cooled mixture filtered gave 9 g. of the corresponding benzylcarbamate (XIII), m. 175-6°. XIII (1 g.) dissolved in 10 ml. hot N NaOH and the cooled solution acidified with 10% HCl gave 0.20 g. authentic benzimidazolone (XIV), m. 307-8° (cf. Darapsky and Gaudian, C.A. 31,3979). XIII (2.5 g.) in 100 ml. MeOH and 1 ml. AcOH hydrogenated 3 hrs. at 20°/25 atmospheric with 2 g. Pd-C and the filtered solution neutralized with NaOH, evaporated in vacuo, and the residue crystallized gave XIV, converted by POCl₃ in HCl to 2-chlorobenzimidazole and hydrogenated to give the known benzamidazole. The synthesis of V was accordingly undertaken by this procedure. The known 4,5-diphenylphthalic acid (15 g. prepared according to Huggill and Parkinson, Brit. 683,770, C.A. 48, 2776g) and 24 g. PCl₅ refluxed 20 hrs. at 150° (H₂O-free atmospheric) and the POCl₃ evaporated 150°/760 mm. and at 150°/15 mm., the cooled mixture extracted at 50° with petr. ether, and the extract evapd, gave 9 g. 4,5-diphenylphthalic acid chloride (XV), m. 104-5° (petr. ether), similarly obtained from the anhydride prepared by the action of SOCl₂. XV (12.3 g.) in 190 ml. Me₂CO stirred at 0° with 8.1 g. NaN₃ in 45 ml. H₂O, the mixture kept 10 min. at 0° and filtered, the residue washed with 50 ml. H₂O, and dried at room temperature in vacuo gave 10.5 g.

4,5-diphenyl-1-isocyanatobenzoic

acid azide (XVI), m. 117° (decomposition). XVI (9.5 g.) refluxed 4 hrs. in 150 ml. absolute alc. with violent evolution of N, the clear yellow solution cooled to -20° and filtered, the residue washed with 200 ml. 99% alc., and dried at 50° gave 6.8 g. 4,5,1,2-Ph₂C₆H₂(NHCO₂Et)₂ (XVII), m. 187-9deg, unchanged on boiling in concentrated HCl or 20% H₂SO₄. XVII (0.5 g.) refluxed 3 hrs. in 20 ml. 15% KOH and filtered hot gave 370 mg. residue, crystallized (MeOH) to give IV, m. 289-90°, insol. in HCl or dilute or concentrated aqueous NaOH even on heating, contrary to XIV. IV (3.5 g.)

heated 3 hrs. at 170° in a sealed Carius tube with 40 ml. POCl₃ and 5 drops of concentrated HCl and the cooled mixture treated with ice and made alkaline

with 15% NH₄OH, filtered, and the dried residue (4 g., m. 190-200°) crystallized (150 ml. MeOH) gave 2.95 g. impure 2-chloro-5,6-diphenylbenzimidazole (XVIII), m. 248-50° (decomposition). XVIII (2.1 g.) in 300 ml. alc. hydrogenated 1 hr. at 20°/1 atmospheric with 1.5 g. Pd-C and the filtered solution evaporated in vacuo, the HCl salt (1.7 g.)

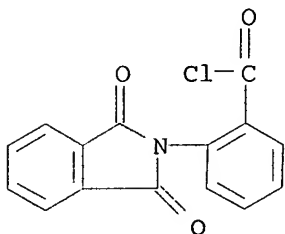
treated

with 30 ml. hot N NaOH and filtered, the residue washed 3 times with 10 ml. H₂O, and dried at 50° gave 0.8 g. V, m. 266-7° (C₆H₆).

IT 90303-35-8, Benzoyl chloride, o-phthalimido-
(preparation of)

RN 90303-35-8 CAPLUS

CN Benzoyl chloride, 2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)- (9CI) (CA INDEX NAME)



L12 ANSWER 153 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1957:98927 CAPLUS

DOCUMENT NUMBER: 51:98927

ORIGINAL REFERENCE NO.: 51:17819f-i,17820a

TITLE: N-Aryltetrachlorophthalimides and their ability to form molecular complexes

AUTHOR(S): Jacquignon, Pierre; Buu-Hoi, Ng. Ph.

CORPORATE SOURCE: Univ. Paris

SOURCE: Bulletin de la Societe Chimique de France (1957) 935-7

CODEN: BSCFAS; ISSN: 0037-8968

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

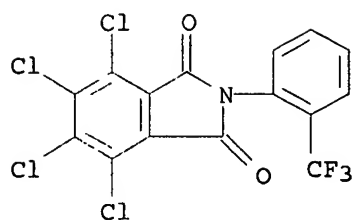
GI For diagram(s), see printed CA Issue.

AB cf. C.A. 51, 11016d. Similarly to tetrachlorophthalic anhydride (I), the imide (II) and the N-Ar compds. form complexes (III) with electron donors, but the III are less stable and of lighter color than those of I. III were precipitated from equimolar amts. of II and the following compds. after solution in the min. amount of boiling HOAc and recrystg. from HOAc: pyrene (III, decompose 230°), N-butylcarbazole, N-benzylcarbazole, 3-methyl-2-(p-xenyl)indole. III were yellow needles with indefinite m.ps. IV and II gave a red III, m. 226-7°. N-Phenyltetrachlorophthalimide, m. 275°, gave a III, m. 221°, with 2'-isopropyl-1,2,5,6-dibenzocarbazole (VI) and an unstable III with V, which also yielded a III, m. 196°, with I. N-(3,4-Dimethylphenyl)tetrachlorophthalimide (12 g.), m. 251°, prepared from 5 g. 1,3,4-xylylidine and 13 g. I in 100 cc. glacial HOAc (heated) 15 min. and cooled, gave an orange III with V, and a III, m. 161-75°, with IV. I yielded N-aryltetrachlorophthalimides with the following amines (m.p. given): 1,2,3-xylylidine, 249°; 1,2,4- and 1,2,5-xylylidine, 234° and 265°; o- and p-anisidine, 256° and 265°; o- and p-phenetidine, 216° and 224°; pseudocumidine, 234°; m-ClC₆H₄NH₂, 267°; m- and p-bromoaniline, 272° and 335°; 3,4-ClBrC₆H₃NH₂, 306°; 5,2-Cl(MeO)C₆H₃NH₂, 270°; p-FC₆H₄NH₂, 271° (III with IV, m. 216-30°, and with V, orange); o-CF₃C₆H₄NH₂, 243-4°; α-naphthylamine, 239° (III with V, orange); p-aminoacetanilide, 347-8°; p,p'-diaminodiphenylmethane, 367°; 2,4-diaminotoluene, 327°.

IT 340-66-9, Phthalimide, 3,4,5,6-tetrachloro-N-(α,α,α-trifluoro-o-tolyl)- (preparation of)

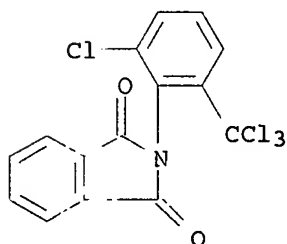
RN 340-66-9 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 4,5,6,7-tetrachloro-2-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



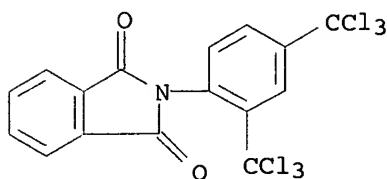
L12 ANSWER 154 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1939:36757 CAPLUS
 DOCUMENT NUMBER: 33:36757
 ORIGINAL REFERENCE NO.: 33:5200h-i
 TITLE: Aromatic acid amides
 INVENTOR(S): Wolfram, Arthur; Hausdorfer, Emil
 PATENT ASSIGNEE(S): I. G. Farbenindustrie AG
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	DE 668743		19381209	DE	
AB	Aromatic derivs. of phthalimide (I) are treated with Cl either in a fused state or in a diluent. Thus, fused o-methylphenyl-I is treated with Cl to give o-(trichloromethyl)phenyl-I, m. 153-8°. The preparation of p-(trichloromethyl)phenyl-I, m. 205-10°, 2-(trichloromethyl)-4-chlorophenyl-I, b1 230-34°, 2-(trichloromethyl)-6-chlorophenyl-I, b1 230-5°, 3-chloro-4-(trichloromethyl)phenyl-I, m. 164-6°, 4-(trichloromethyl)-2,5-dichlorophenyl-I, m. 209-11°, 2,6-bis(trichloromethyl)phenyl-I, m. 235-7°, and 2,4-bis(trichloromethyl)phenyl-I, b0.4 254-5°, is also described. The products are used as dye intermediates.				
IT	124421-17-6, Phthalimide, N-[α,α,α,6-tetrachloro-o-tolyl]- 802970-01-0, Phthalimide, N-(α,α,α,α',α',α'-hexachloro-2,4-xylyl)- 847165-17-7, Phthalimide, N-[α,α,α,4-tetrachloro-o-tolyl]- 861018-05-5, Phthalimide, N-(α,α,α,α',α',α'-hexachloro-2,5-xylyl)- 861018-98-6, Phthalimide, N-(α,α,α-trichloro-o-tolyl)- (preparation of)				
RN	124421-17-6 CAPLUS				
CN	1H-Isoindole-1,3(2H)-dione, 2-[2-chloro-6-(trichloromethyl)phenyl]- (9CI) (CA INDEX NAME)				

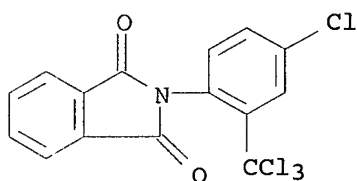


RN 802970-01-0 CAPLUS

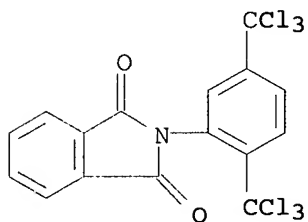
CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -
hexachloro-2,4-xylyl)- (4CI) (CA INDEX NAME)



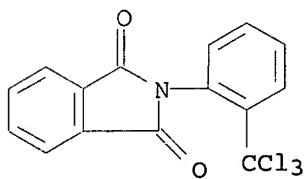
RN 847165-17-7 CAPLUS
CN Phthalimide, N-[$\alpha,\alpha,\alpha,4$ -tetrachloro-o-tolyl]- (4CI) (CA
INDEX NAME)



RN 861018-05-5 CAPLUS
CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -
hexachloro-2,5-xylyl)- (4CI) (CA INDEX NAME)



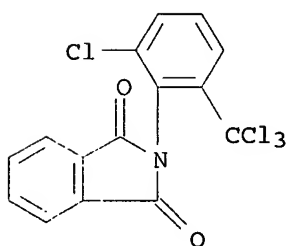
RN 861018-98-6 CAPLUS
CN Phthalimide, N-(α,α,α -trichloro-o-tolyl)- (4CI) (CA
INDEX NAME)



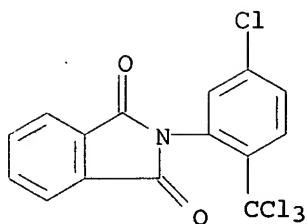
L12 ANSWER 155 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1937:46668 CAPLUS
DOCUMENT NUMBER: 31:46668
ORIGINAL REFERENCE NO.: 31:6478h-i,6479a
TITLE: Aromatic acid amides containing the trichloromethyl
group
INVENTOR(S): Wolfram, Arthur; Hausdorfer, Emil
PATENT ASSIGNEE(S): General Aniline Works

DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

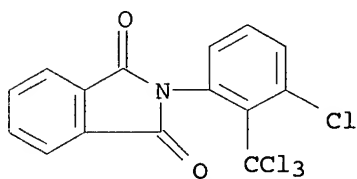
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
	US 2087715		19370720	US	
GI	For diagram(s), see printed CA Issue.				
AB	By causing Cl to act at temps. of about 120-220° upon compds. of the general formula CO.C ₆ H ₄ .CO.NC ₆ H ₃ (X)CCl ₃ , wherein X means Me, Cl or H, which is present in a liquid form, products (suitable for use as dye intermediates) are obtained such as o-(trichloromethyl)phenylphthalimide, m. 153-8° m-isomer and p-isomer, m. 205-10°, 2-(trichloromethyl)-5-chlorophenylphthalimide, 2-(trichloromethyl)-4-chlorophenylphthalimide, b0.5 230-4°, 2-(trichloromethyl)-6-chlorophenylphthalimide, b1.5 230-5°, 3-chloro-4-(trichloromethyl)phenylphthalimide b1.5 255-8°, 4-(trichloromethyl)-2,5-dichlorophenylphthalimide, b1, 240-5° and m. 209-11°, 2,6-bis(trichloromethyl)phenyl-phthalimide, m. 235-7°, 2,4-isomer, b0.4 254-5° and 2-(trichloromethyl)-3-chlorophenylphthalimide, m. 175-7° (details being given of the production of all these compds.).				
IT	124421-17-6, Phthalimide, N-[α,α,α,6-tetrachloro-o-tolyl]- 714960-24-4, Phthalimide, N-[α,α,α,5-tetrachloro-o-tolyl]- 714960-77-7, Phthalimide, N-[α,α,α,3-tetrachloro-o-tolyl]- 802970-01-0, Phthalimide, N-[α,α,α,α',α',α'-hexachloro-2,4-xylyl]- 847165-17-7, Phthalimide, N-[α,α,α,4-tetrachloro-o-tolyl]- 861018-05-5, Phthalimide, N-[α,α,α,α',α',α'-hexachloro-2,5-xylyl]- 861018-98-6, Phthalimide, N-[α,α,α-trichloro-o-tolyl]- (preparation of)				
RN	124421-17-6 CAPLUS				
CN	1H-Isoindole-1,3(2H)-dione, 2-[2-chloro-6-(trichloromethyl)phenyl]- (9CI) (CA INDEX NAME)				



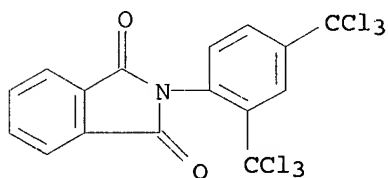
RN 714960-24-4 CAPLUS
 CN 1H-Isoindole-1,3(2H)-dione, 2-[5-chloro-2-(trichloromethyl)phenyl]- (9CI)
 (CA INDEX NAME)



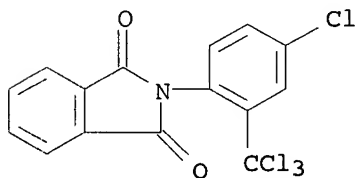
RN 714960-77-7 CAPLUS
 CN 1H-Isoindole-1,3(2H)-dione, 2-[3-chloro-2-(trichloromethyl)phenyl]- (9CI)
 (CA INDEX NAME)



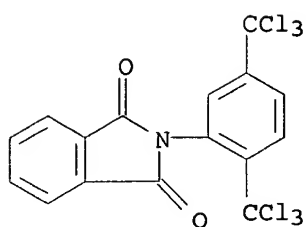
RN 802970-01-0 CAPLUS
 CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -
 hexachloro-2,4-xylyl)- (4CI) (CA INDEX NAME)



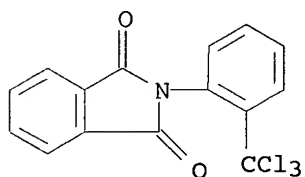
RN 847165-17-7 CAPLUS
 CN Phthalimide, N-[$\alpha,\alpha,\alpha,4$ -tetrachloro-o-tolyl]- (4CI) (CA
 INDEX NAME)



RN 861018-05-5 CAPLUS
 CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -
 hexachloro-2,5-xylyl)- (4CI) (CA INDEX NAME)



RN 861018-98-6 CAPLUS
 CN Phthalimide, N-(α,α,α -trichloro-o-tolyl)- (4CI) (CA
 INDEX NAME)



L12 ANSWER 156 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1937:30730 CAPLUS
 DOCUMENT NUMBER: 31:30730
 ORIGINAL REFERENCE NO.: 31:4342e-h
 TITLE: Aromatic amines containing fluorine
 PATENT ASSIGNEE(S): I. G. Farbenindustrie AG
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 459890		19370118	GB	

GI For diagram(s), see printed CA Issue.

AB Amines containing a -CF₃ group are prepared by causing HF to react with compds. of the formula O:-C.R'.C(O).N.R.CC₃ (R is an aromatic radical and -OC.R'.CO- a radical of an ortho dicarboxylic acid) and eliminating, if desired, the radical of the ortho dicarboxylic acid with known agents. Examples are given of the preparation of o-(trifluoromethyl)- (m. 129-31°), m-(trifluoromethyl)- (m. 148°), 2-(trifluoromethyl)-5-chloro- (m. 197-8°), 2-(trifluoromethyl)-3-chloro- (b1 195-200), 2-(trifluoromethyl)-4-chloro- (b1.3 197-203°, m. 143-5°), 2-(trifluoromethyl)-6-chloro- (b0.2 180-5°) 3-chloro-4-(trifluoromethyl)- (m. 200-2°), 4-(trifluoromethyl)-2,5-dichloro- (m. 182-3°), 2,4-bis(trifluoromethyl)- (b2 185-190°), and 2,6-bis(trifluoromethyl)-phenylphthalimide (b0.2 160-3°), o-(trifluoromethyl)- (b2.5 68-70°), m-(trifluoromethyl)- (b4.5 70-85°), 2-(trifluoromethyl)-5-chloro- (b4 82-4°), 2-(trifluoromethyl)-3-chloro- (b0.5 55-60°), 2-(trifluoromethyl)-4-chloro- (b3 66-7°), 2-(trifluoromethyl)-6-chloro- (b0.1 39-40°), 3-chloro-4-(trifluoromethyl)- (b10 112-5°), 4-(trifluoromethyl)-2,5-dichloro- (b0.8 95-100°), 2,4-bis(trifluoromethyl)- (b0.4 50°) and 2,6-bis(trifluoromethyl)-aniline (b0.2 37°).

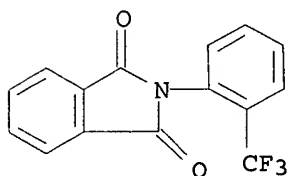
IT 314-11-4, Phthalimide, N-[α,α,α -trifluoro-o-tolyl]- 340-65-8, Phthalimide, N-[3-chloro- α,α,α -trifluoro-o-tolyl]- 361-17-1,

Phthalimide, N-[6-chloro- α,α,α -trifluoro-o-tolyl]-
436-20-4, Phthalimide, N-[4-chloro- α,α,α -
trifluoro-o-tolyl]- **438-39-1**, Phthalimide, N-[5-chloro-
 α,α,α -trifluoro-o-tolyl]- **2377-33-5**,
Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -
hexafluoro-2,6-xylyl)- **2377-34-6**, Phthalimide,
N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexafluoro-2,4-
xylyl)-

(preparation of)

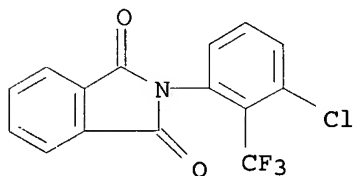
RN 314-11-4 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[2-(trifluoromethyl)phenyl]- (9CI) (CA
INDEX NAME)



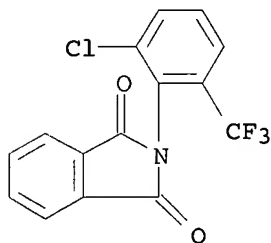
RN 340-65-8 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[3-chloro-2-(trifluoromethyl)phenyl]- (9CI)
(CA INDEX NAME)



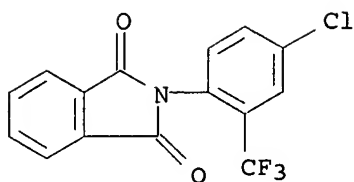
RN 361-17-1 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[2-chloro-6-(trifluoromethyl)phenyl]- (9CI)
(CA INDEX NAME)

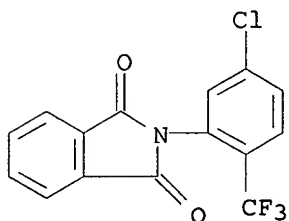


RN 436-20-4 CAPLUS

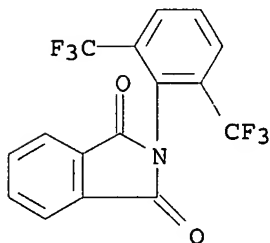
CN 1H-Isoindole-1,3(2H)-dione, 2-[4-chloro-2-(trifluoromethyl)phenyl]- (9CI)
(CA INDEX NAME)



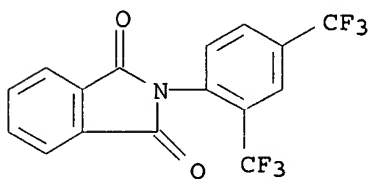
RN 438-39-1 CAPLUS
 CN 1H-Isoindole-1,3(2H)-dione, 2-[5-chloro-2-(trifluoromethyl)phenyl]- (9CI)
 (CA INDEX NAME)



RN 2377-33-5 CAPLUS
 CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexafluoro-2,6-xylyl)- (8CI) (CA INDEX NAME)



RN 2377-34-6 CAPLUS
 CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexafluoro-2,4-xylyl)- (8CI) (CA INDEX NAME)

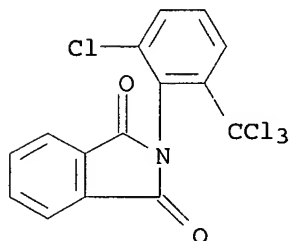


L12 ANSWER 157 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1937:30762 CAPLUS
 DOCUMENT NUMBER: 31:30762
 ORIGINAL REFERENCE NO.: 31:4346i,4347a,4348a
 TITLE: N-(Trichloromethylphenyl)phthalimides
 PATENT ASSIGNEE(S): I. G. Farbenindustrie AG
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable

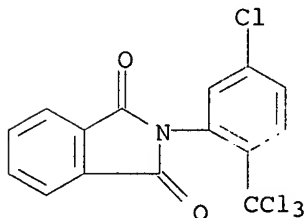
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

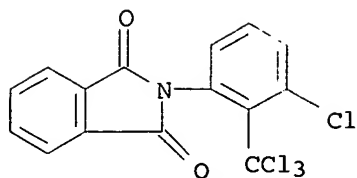
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	GB 459881		19370118	GB	
AB	Amides containing a trichloromethyl group are prepared by treating with Cl the corresponding Me compds. at a high temperature The Me compds. are used either in the fused state or in solution with exposure to light. Examples are given of the preparation of o-(trichloromethyl)-(m. 153-8°), m-(trichloromethyl)-, 2-(trichloromethyl)-5-chloro-, p-(trichloromethyl)-(b1 238-42°), 2-(trichloromethyl)-4-chloro- (b0.5 230-4°), 2-(trichloromethyl)-6-chloro- (b1.5 230-5°), 3-chloro-4-(trichloromethyl)- (b1.5 255-8°, m. 164-6°), 4-(trichloromethyl)-2,5-dichloro- (b1 240-5°, m. 209-11°), 2,6-bis(trichloromethyl)- (m. 235-7°), 2,4-bis(trichloromethyl)- (b0.4 254-5°) and 2-(trichloromethyl)-3-chlorophenylphthalimide, b1 (215-25°, m. 175-7°).				
IT	124421-17-6, Phthalimide, N-[α,α,α,6-tetrachloro-o-tolyl]- 714960-24-4, Phthalimide, N-[α,α,α,5-tetrachloro-o-tolyl]- 714960-77-7, Phthalimide, N-[α,α,α,3-tetrachloro-o-tolyl]- 802970-01-0, Phthalimide, N-(α,α,α,α',α',α'-hexachloro-2,4-xylyl)- 802971-38-6, Phthalimide, N-(α,α,α,α',α',α'-hexachloro-2,6-xylyl)- 847165-17-7, Phthalimide, N-[α,α,α,4-tetrachloro-o-tolyl]- 861018-98-6, Phthalimide, N-[α,α,α-trichloro-o-tolyl]- (preparation of)				
RN	124421-17-6	CAPLUS			
CN	1H-Isoindole-1,3(2H)-dione, 2-[2-chloro-6-(trichloromethyl)phenyl]- (9CI) (CA INDEX NAME)				



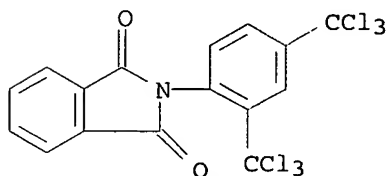
RN 714960-24-4 CAPLUS
 CN 1H-Isoindole-1,3(2H)-dione, 2-[5-chloro-2-(trichloromethyl)phenyl]- (9CI)
 (CA INDEX NAME)



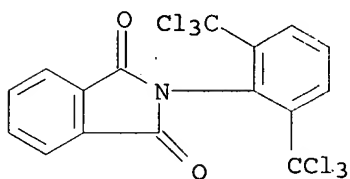
RN 714960-77-7 CAPLUS
 CN 1H-Isoindole-1,3(2H)-dione, 2-[3-chloro-2-(trichloromethyl)phenyl]- (9CI)
 (CA INDEX NAME)



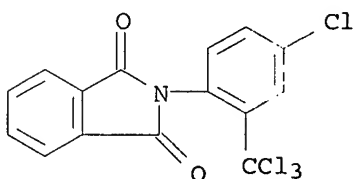
RN 802970-01-0 CAPLUS
 CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -
 hexachloro-2,4-xylyl)- (4CI) (CA INDEX NAME)



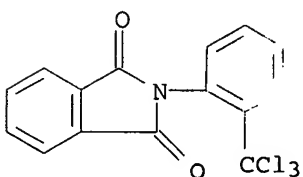
RN 802971-38-6 CAPLUS
 CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -
 hexachloro-2,6-xylyl)- (4CI) (CA INDEX NAME)



RN 847165-17-7 CAPLUS
 CN Phthalimide, N-[$\alpha,\alpha,\alpha,4$ -tetrachloro-o-tolyl]- (4CI) (CA
 INDEX NAME)

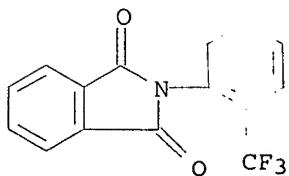


RN 861018-98-6 CAPLUS
 CN Phthalimide, N-(α,α,α -trichloro-o-tolyl)- (4CI) (CA
 INDEX NAME)



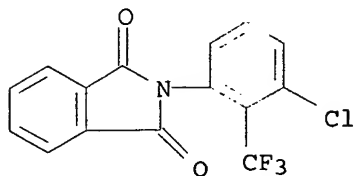
L12 ANSWER 158 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1937:30729 CAPLUS
 DOCUMENT NUMBER: 31:30729
 ORIGINAL REFERENCE NO.: 31:4342e-h
 TITLE: Aromatic amines containing fluorine
 PATENT ASSIGNEE(S): I. G. Farbenindustrie AG
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	FR 805704		19361127	FR	
GI	For diagram(s), see printed CA Issue.				
AB	Amines containing a -CF ₃ group are prepared by causing HF to react with compds. of the formula O:-C.R'.C(O).N.R.CC ₃ (R is an aromatic radical and -OC.R'.CO- a radical of an ortho dicarboxylic acid) and eliminating, if desired, the radical of the ortho dicarboxylic acid with known agents. Examples are given of the preparation of o-(trifluoromethyl)- (m. 129-31°), m-(trifluoromethyl)- (m. 148°), 2-(trifluoromethyl)-5-chloro- (m. 197-8°), 2-(trifluoromethyl)-3-chloro- (b1 195-200°), 2-(trifluoromethyl)-4-chloro- (b1.3 197-203°, m. 143-5°), 2-(trifluoromethyl)-6-chloro- (b0.2 180-5°) 3-chloro-4-(trifluoromethyl)- (m. 200-2°), 4-(trifluoromethyl)-2,5-dichloro- (m. 182-3°), 2,4-bis(trifluoromethyl)- (b2 185-190°), and 2,6-bis(trifluoromethyl)-phenylphthalimide (b0.2 160-3°), o-(trifluoromethyl)- (b2.5 68-70°), m-(trifluoromethyl)- (b4.5 70-85°), 2-(trifluoromethyl)-5-chloro- (b4 82-4°), 2-(trifluoromethyl)-3-chloro- (b.0.5 55-60°), 2-(trifluoromethyl)-4-chloro- (b3 66-7°), 2-(trifluoromethyl)-6-chloro- (b0.1 39-40°), 3-chloro-4-(trifluoromethyl)- (b10 112-5°), 4-(trifluoromethyl)-2,5-dichloro- (b0.8 95-100°), 2,4-bis(trifluoromethyl)- (b0.4 50°) and 2,6-bis(trifluoromethyl)-aniline (b0.2 37°).				
IT	314-11-4, Phthalimide, N-[α,α,α-trifluoro-o-tolyl]- 340-65-8, Phthalimide, N-[3-chloro-α,α,α-trifluoro-o-tolyl]- 361-17-1, Phthalimide, N-[6-chloro-α,α,α-trifluoro-o-tolyl]- 436-20-4, Phthalimide, N-[4-chloro-α,α,α-trifluoro-o-tolyl]- 438-39-1, Phthalimide, N-[5-chloro-α,α,α-trifluoro-o-tolyl]- 2377-33-5, Phthalimide, N-(α,α,α,α',α',α'-hexafluoro-2,6-xylyl)- 2377-34-6, Phthalimide, N-(α,α,α,α',α',α'-hexafluoro-2,4-xylyl)- (preparation of)				
RN	314-11-4 CAPLUS				
CN	1H-Isoindole-1,3(2H)-dione, 2-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)				



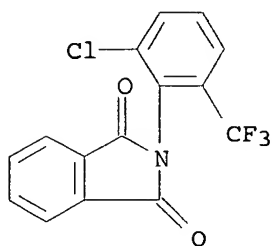
RN 340-65-8 CAPLUS
 CN 1H-Isoindole-1,3(2H)-dione, 2-[3-chloro-2-(trifluoromethyl)phenyl]- (9CI)

(CA INDEX NAME)



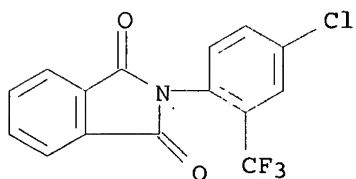
RN 361-17-1 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[2-chloro-6-(trifluoromethyl)phenyl]- (9CI)
(CA INDEX NAME)



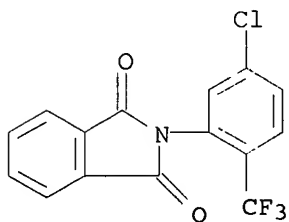
RN 436-20-4 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[4-chloro-2-(trifluoromethyl)phenyl]- (9CI)
(CA INDEX NAME)



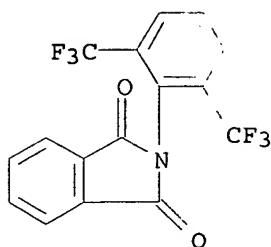
RN 438-39-1 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[5-chloro-2-(trifluoromethyl)phenyl]- (9CI)
(CA INDEX NAME)

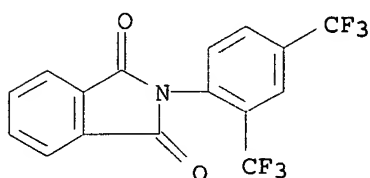


RN 2377-33-5 CAPLUS

CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexafluoro-2,6-xylyl)- (8CI) (CA INDEX NAME)



RN 2377-34-6 CAPLUS
 CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexafluoro-2,4-xylyl)-(8CI) (CA INDEX NAME)

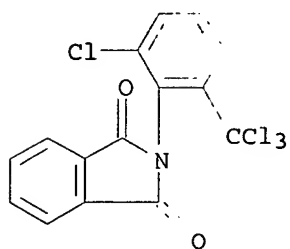


L12 ANSWER 159 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1937:30761 CAPLUS
 DOCUMENT NUMBER: 31:30761
 ORIGINAL REFERENCE NO.: 31:4346i,4347a,4348a
 TITLE: N-(Trichloromethylphenyl)phthalimides
 PATENT ASSIGNEE(S): I. G. Farbenindustrie AG
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	FR 805492		19361120	FR	
AB	Amides containing a trichloromethyl group are prepared by treating with Cl the corresponding Me compds. at a high temperature The Me compds. are used either in the fused state or in solution with exposure to light. Examples are given of the preparation of o-(trichloromethyl)-(m. 153-8°), m-(trichloromethyl)-, 2-(trichloromethyl)-5-chloro-, p-(trichloromethyl)-(b1 238-42°), 2-(trichloromethyl)-4-chloro- (b0.5 230-4°), 2-(trichloromethyl)-6-chloro- (b1.5 230-5°), 3-chloro-4-(trichloromethyl)- (b1.5 255-8°, m. 164-6°), 4-(trichloromethyl)-2,5-dichloro- (b1 240-5°, m. 209-11°), 2,6-bis(trichloromethyl)- (m. 235-7°), 2,4-bis(trichloromethyl)- (b0.4 254-5°) and 2-(trichloromethyl)-3-chlorophenylphthalimide, b1 (215-25°, m. 175-7°).				
IT	124421-17-6, Phthalimide, N-[$\alpha,\alpha,\alpha,6$ -tetrachloro-o-tolyl]- 714960-24-4, Phthalimide, N-[$\alpha,\alpha,\alpha,5$ -tetrachloro-o-tolyl]- 714960-77-7, Phthalimide, N-[$\alpha,\alpha,\alpha,3$ -tetrachloro-o-tolyl]- 802970-01-0, Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexachloro-2,4-xylyl)- 802971-38-6, Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexachloro-2,6-xylyl)- 847165-17-7, Phthalimide, N-[$\alpha,\alpha,\alpha,4$ -tetrachloro-o-tolyl]- 861018-98-6, Phthalimide, N-[α,α,α -trichloro-o-tolyl]- (preparation of)				

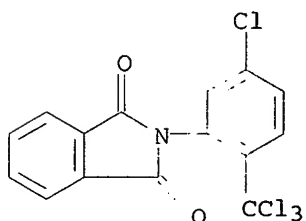
RN 124421-17-6 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[2-chloro-6-(trichloromethyl)phenyl] - (9CI)
(CA INDEX NAME)



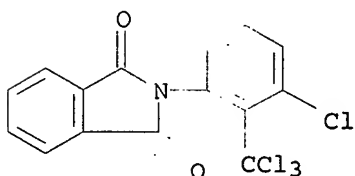
RN 714960-24-4 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[5-chloro-2-(trichloromethyl)phenyl] - (9CI)
(CA INDEX NAME)



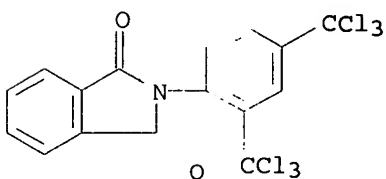
RN 714960-77-7 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-[3-chloro-2-(trichloromethyl)phenyl] - (9CI)
(CA INDEX NAME)



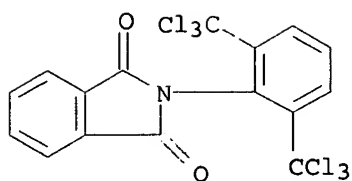
RN 802970-01-0 CAPLUS

CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexachloro-2,4-xylyl) - (4CI) (CA INDEX NAME)

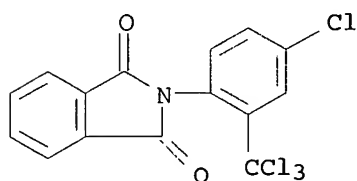


RN 802971-38-6 CAPLUS

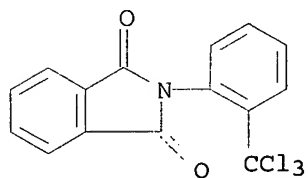
CN Phthalimide, N-($\alpha,\alpha,\alpha,\alpha',\alpha',\alpha'$ -hexachloro-2,6-xylyl) - (4CI) (CA INDEX NAME)



RN 847165-17-7 CAPLUS
 CN Phthalimide, N-[$\alpha,\alpha,\alpha,4$ -tetrachloro-o-tolyl]- (4CI) (CA
 INDEX NAME)



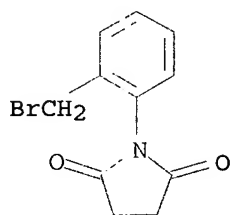
RN 861018-98-6 CAPLUS
 CN Phthalimide, N-(α,α,α -trichloro-o-tolyl)- (4CI) (CA
 INDEX NAME)



L12 ANSWER 160 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1936:61895 CAPLUS
 DOCUMENT NUMBER: 30:61895
 ORIGINAL REFERENCE NO.: 30:8227f-i,8228a-c
 TITLE: Peganine. XII. Peganine derivatives and their
 picrolonates
 AUTHOR(S): Spath, Ernst; Kuffner, Friedrich; Lintner, Josef
 SOURCE: Ber. (1936), 69B, 2052-8
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 GI For diagram(s), see printed CA Issue.
 AB cf. C. A. 30, 3826.4. Juneja, Narang and Ray (C. A. 29, 7985.9) reported
 that fusion of o-H₂NC₆H₄CH₂NHCOCH₂CH₂CO₂H (I) with anhydrous NaOAc gave a
 compound (II), m. 192°, different from 9-pegen-1-one (III) and which
 therefore must have the structure. According to them, electrolytic
 reduction of III gave a base C₁₁H₁₄N₂ identical with that obtained in the
 same way from peganine, while II yielded a base of the same composition but
 forming a different dipicrolonate. On repeating this work, Spath and
 Platzer (C. A. 30, 3826.4) obtained pure III, m. 191°, from I, but
 as Narang and Ray (C. A. 30, 5227.8) still maintain that the product
 obtained from I is different from III, S., K. and L. have again gone over
 the work of S. and P. I, with the same m. p. as that used by the Indian
 workers, was heated exactly according to their directions with dry NaOAc
 in dry H for 1 hr. at 140-50°. The product again was III,
 identified by mixed m. p. with a sample prepared from o-
 aminobenzylsuccinimide and yielding pegan with Na and AmOH. In order to

obtain a product having the structure assigned by J., N. and R. to their II, S., K. and L. condensed o-H₂NC₆H₄CH₂OMe with succinic anhydride to the acid o-MeOCH₂C₆H₄NHCOCH₂CH₂-CO₂H which, on ring closure by distillation in a high vacuum, gave the compound MeOCH₂C₆H₄N.CO.CH₂.CH₂.CO, b₀.02 150-60° (bath temperature), m. 93-5°. The MeO group was readily replaced by Br but the resulting Br derivative, b₁ 170-80° (bath temperature), m. 132-4°, with liquid NH₃ unexpectedly gave III, not II. J., N. and R. identified the base C₁₁H₁₄N₂ which they obtained by electrolytic reduction of peganine and III as a dipicrolonate, m. 207-13°, and, according to the later paper of N. and R., assumed it to be pegan. This dipicrolonate, however, cannot be a salt of pegan but is the dipicrolonate of N-(o-aminobenzyl)-pyrrolidine (IV) which Spath and Platzer had obtained by the same reduction, for while IV always gives a dipicrolonate, pegan forms a monopicrolonate, N. and R. also describe an intermediate product in the electrolytic reduction of peganine which they formulate as pegan-3-ol and analyzed as a dipicrolonate, but S., K. and L. find that pegan-3-ol forms a monopicrolonate. In the preparation of the picrolonates, in order to avoid the carrying along of free picrolonic acid 2 mols. of acid to 1 of base were used and the amount of solvent alc. was so chosen as to certainly hold in solution any possible excess (1 mol.) of picrolonic acid. Monopicrolonates: peganine, m. 177-9° (decomposition); pegan-3-ol, m. 128-9°; 9-pegene, m. 236-7° (decomposition); pegan, m. 191-3°. Dipicrolonate of IV, m. 213-15°.

IT 90163-00-1, Succinimide, N-(α-bromo-o-tolyl)-
(preparation of)
RN 90163-00-1 CAPLUS
CN 2,5-Pyrrolidinedione, 1-[2-(bromomethyl)phenyl]- (9CI) (CA INDEX NAME)



L12 ANSWER 161 OF 161 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1919:4450 CAPLUS
DOCUMENT NUMBER: 13:4450
ORIGINAL REFERENCE NO.: 13:836i,837a-h
TITLE: Action of acylamino acid chlorides on sodiomalonic ester. V
AUTHOR(S): Gabriel, S.; Lowenberg, Bruno
CORPORATE SOURCE: Univ. Berlin
SOURCE: Ber. (1918), 51, 1493-500
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
GI For diagram(s), see printed CA Issue.
AB cf. Immendorfer, C. A. 9, 1913. Dimethyl o-phthalimidobenzoylmalonate (a), C₆H₄(CO)₂NC₆H₄COCH-(CO₂Me)₂, unlike the esters C₆H₄(CO)₂NCR₂COCH(CO₂Me)₂ studied in the previous papers and from which it differs in structure only in having an o-C₆H₄ instead of the CR₂ grouping, is not rearranged but is decomposed by NaOEt; does not react with Na in the expected way (formation of a 6-ring compound, MeO₂CC₆H₄CON.CO.CH(CO₂Me).CO.C₆H₄); and its Na salt with MeI gives an O- instead of a C-Me derivative o-Phthalimidobenzoyl chloride, from the acid and PCl₅ heated until liquefied and freed from POCl₃ in vacuo at 100°, columns from C₆H₆, m. 152-3°; 28.5 g. in 90 cc. of hot C₆H₆ are added to a solution of 4.6 g. Na powder and 37 cc. CH₂(CO₂Me)₂ in 200 cc. C₆H₆; after several

hrs. the resulting Na salt is filtered off, dissolved and precipitated with CO₂, giving 12 g. (a), and HCl ppts. a further 7 g. of less pure (a); the first crop deposits from 45 cc. Me₂CO 7 g. of pure (a), short, flat prisms, m. 159-61°, gives a cherry-red color with alc. FeCl₃. Boiled 0.5 hr. with HI, (a) gives MeI, CO₂ and o-amino-acetophenone hydriodide, decompose 150°. If 2 g. (a) in 15 cc. MeOH are treated with 3 cc. of 4% NaOMe the resulting yellow solution soon deposits delicate yellowish white needles of the sodium salt, soluble in H₂O with neutral reaction, which when allowed to stand under the mother liquors several hrs. or more quickly when warmed form a colorless solution; this when evaporated to dryness on the

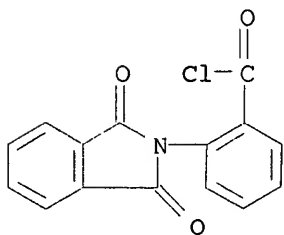
H₂O bath leaves a resinous residue, about 0.5 g. of which remains undissolved when rubbed with 100 cc. H₂O and consists of methyl o-phthalimidobenzoate, rhombohedrons from much MeOH, m. 160-2°, insol. in acids and alkalies, also obtained by warming 2 g. C₆H₄(CO)₂NC₆H₄COCl with 5 cc. MeOH and 4.5 cc. of 4% NaOMe. The H₂O-soluble portion of the product seps. from a little MeOH in flat leaves, m. 145-6°, soluble in alkalies, repptd. by acids, gives no red color with FeCl₃; it is monomethyl phthaloylanthranilate, HO₂CC₆H₄CONHC₆H₄CO₂Me, also obtained by cautiously fusing C₆H₄(CO)₂O with H₂NC₆H₄CO₂Me and crystallizing from MeOH. The Na salt

of (a) heated 1 hr. at 100° with MeI in Me₂CO gives the compound C₆H₄(CO)₂NC₆H₄C(OMe):C(CO₂Et)₂, flat columns and rhombohedrons from MeOH, m. 148-9°, gives no red color with FeCl₃; boiled several hrs. with HCl or HBr it gives C₆H₄(CO₃H)₂ and H₂NC₆H₄CO₂H, whereas when heated with HI with addition of Ph₄I from time to time to destroy the brown color of liberated I it finally yields an almost colorless solution which is gently boiled 2 hrs. more; MeI and CO₂ are evolved, the HI is distilled off in vacuo and the residue is crystallized from H₂O and 50% AcOH; it seps. in flat needles and 6-sided tables (1.2 g.), m. 248° (decomposition), soluble in alkalies, repptd. by acids, titrates as a diacidic acid with litmus, forms a light blue copper salt, C₁₇H₁₁O₅NCu; it is probably HO₂CC₆H₄CH₂CH(CO₂H).CO.C₆H₄.NH (b), for when heated 3 hrs. with fuming HCl at 180° it gives CO₂, PhNH₂ and C₆H₄.CO.O.CHCH₂CO₂H, m. 151°. Diethyl-o-phthalimidobenzoylmalonate, prisms, sinters 94°, m. 105-7°, gives a cherry-red color with FeCl₃, converted by HI into C₆H₄(CO₂H)₂ and o-H₂NC₆H₄Ac and by NaOMe into ethyl phthalimidobenzoate, prisms, m. 108-9°. Ethyl phthaloylanthranilate, broad needles, m. 114-6°, soluble in alkalies. Diethyl [o-phthalimidobenzoyl]ethylmalonate, C₆H₄(CO)₂NC₆H₄C(OEt):C(CO₂Et)₂, columns, m. 89-90°. Diethyl [o-phthalimidobenzoyl]methylmalonate, short, rhombohedral prisms, m. 104-6°, converted into (b) by Hl.

IT 90303-35-8, Benzoyl chloride, o-phthalimido-
(preparation of)

RN 90303-35-8 CAPLUS

CN Benzoyl chloride, 2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)- (9CI) (CA
INDEX NAME)



=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

63.33

414.90

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-8.03

-10.22

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STRUCTURE FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6

DICTIONARY FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
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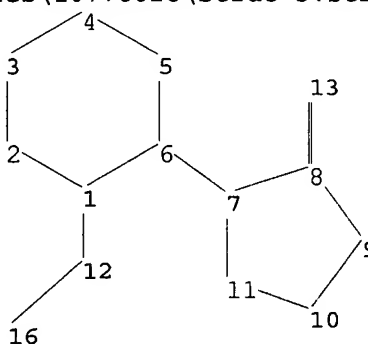
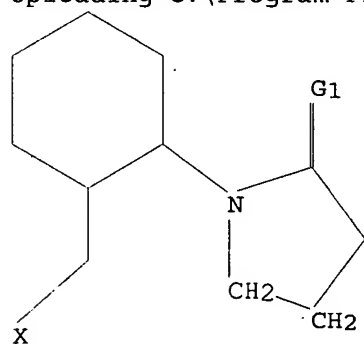
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<http://www.cas.org/ONLINE/UG/regprops.html>

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Uploading C:\Program Files\Stnexp\Queries\10776828\Struc 5.str



chain nodes :

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12 13 16
ring nodes :
1 2 3 4 5 6 7 8 9 10 11
chain bonds :
1-12 6-7 8-13 12-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-13 9-10 10-11
exact bonds :
1-12 12-16

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G1:O,S

G2:C,N

Match level :

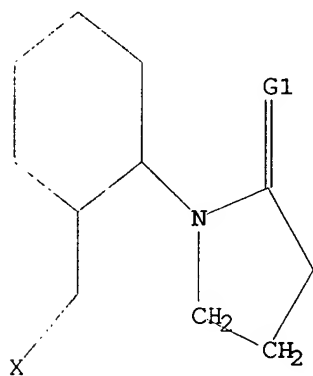
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 16:CLASS

L13 STRUCTURE UPLOADED

=> d

L13 HAS NO ANSWERS

L13 STR



G1 O,S

G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> l13

SAMPLE SEARCH INITIATED 10:31:29 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 90 TO ITERATE

100.0% PROCESSED 90 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1231 TO 2369

PROJECTED ANSWERS: 0 TO 0

L14 0 SEA SSS SAM L13

=> l13 full

FULL SEARCH INITIATED 10:31:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1996 TO ITERATE

100.0% PROCESSED 1996 ITERATIONS 10 ANSWERS
SEARCH TIME: 00.00.01

L15 10 SEA SSS FUL L13

=> file caplus medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.33	576.23

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-10.22

FILE 'CAPLUS' ENTERED AT 10:31:38 ON 27 DEC 2005
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FILE 'MEDLINE' ENTERED AT 10:31:38 ON 27 DEC 2005

=> l15

L16 10 L15

=> dup rem l15

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ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.03	577.26

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-10.22

FILE 'REGISTRY' ENTERED AT 10:31:47 ON 27 DEC 2005
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STRUCTURE FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6
DICTIONARY FILE UPDATES: 26 DEC 2005 HIGHEST RN 870675-00-6

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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*
* The CA roles and document type information have been removed from *

* the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 * *

Structure search iteration limits have been increased. See HELP SLIMITS for details.

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<http://www.cas.org/ONLINE/UG/regprops.html>

PROCESSING COMPLETED FOR L15

L17 10 DUP REM L15 (0 DUPLICATES REMOVED)

=> file caplus medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.43	577.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-10.22

FILE 'CAPLUS' ENTERED AT 10:31:53 ON 27 DEC 2005
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FILE 'MEDLINE' ENTERED AT 10:31:53 ON 27 DEC 2005

=> dup rem l16

PROCESSING COMPLETED FOR L16

L18 10 DUP REM L16 (0 DUPLICATES REMOVED)

=> d l18 ibib hitstr abs 1-10

L18 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:370902 CAPLUS

DOCUMENT NUMBER: 140:375065

TITLE: Preparation of 2-oxo-1-phenylpyrrolidine-3-carboxamides as herbicides.

INVENTOR(S): Reinhard, Robert; Hamprecht, Gerhard; Puhl, Michael; Seitz, Werner; Parra Rapado, Liliana; Scannell-Lansky, Annegret; Grossmann, Klaus; Schiffer, Helmut; Witschel, Matthias; Zagar, Cyrill; Landes, Andreas; Rack, Michael

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 108 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

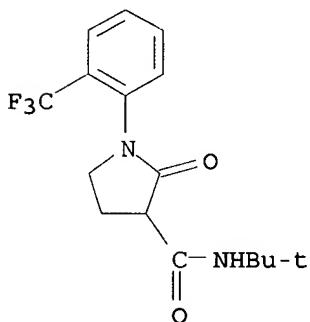
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

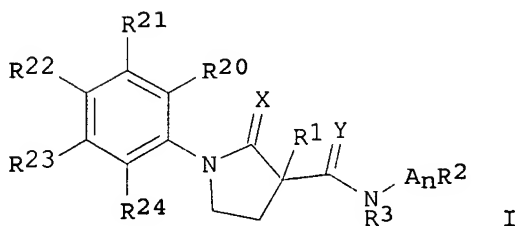
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037787	A1	20040506	WO 2003-EP11557	20031017
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,				

GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 CA 2502478 AA 20040506 CA 2003-2502478 20031017
 EP 1556346 A1 20050727 EP 2003-758015 20031017
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 PRIORITY APPLN. INFO.: DE 2002-10248700 A 20021018
 WO 2003-EP11557 W 20031017
 OTHER SOURCE(S): MARPAT 140:375065
 IT 685531-71-9P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of oxophenylpyrrolidinecarboxamides as herbicides)
 RN 685531-71-9 CAPLUS
 CN 3-Pyrrolidinecarboxamide, N-(1,1-dimethylethyl)-2-oxo-1-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



GI



AB Title compds. [I; R1 = H, OH, Cl, Br, alkyl, cycloalkyl, alkenyl, alkynyl, COR4, CO2R4; R2, R3 = H, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, Ph, heterocyclyl, etc.; R3NAnR2 = atoms to form a (substituted) 3-7 membered heterocyclyl; R20-R24 = H, OH, cyano, NO2, halo, alkyl, cycloalkyl, alkenyl, alkynyl, haloalkyl, haloalkenyl, alkoxy, haloalkoxy, alkylthio, COR4, alkoxyalkyl, etc.; X, Y = O, S; n = 0, 1; A = O, S, SO, SO2, NR12; R4 = H, alkyl; R12 = H, alkyl, alkenyl, alkynyl], were prepared. Thus, 3-trifluoromethylaniline, butyrolactone, and concentrate HCl were refluxed 13 h to give 85% 1-(3-trifluoromethyl)phenyl-2-pyrrolidinone. The latter in THF at

0° was treated with LDA and 45 min. later with di-Me carbonate in THF followed by warming to 20° and stirring for 72 h to give 34% 2-oxo-1-(3-trifluoromethyl)phenyl-3-pyrrolidinecarboxylic acid. This was stirred with carbonyldiimidazole and aqueous MeNH₂ in CH₂Cl₂ to give 32% 1-(3-trifluoromethyl)phenyl-3-(N-methyl)carboxamido-2-pyrrolidinone. I at 3 kg/ha postemergent gave very good herbicidal activity against e.g. velvetleaf.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:267291 CAPLUS

DOCUMENT NUMBER: 140:303518

TITLE: Preparation of N-aminoacyl pyrrolidine-2-carbonitriles and related compounds as inhibitors of dipeptidyl peptidase-IV (DPP-IV) useful against type II diabetes and other disorders

INVENTOR(S): Madar, David; Pei, Zhonghua; Pireh, Daisy; Djuric, Stevan W.; Wiedeman, Paul E.; Yong, Hong; Feenstra, Melissa J.; Kopecka, Hana; Li, Xiaofeng; Longenecker, Kenton; Sham, Hing L.; Stewart, Kent D.; Szczepankiewicz, Bruce G.

PATENT ASSIGNEE(S): Abbott Laboratories, USA

SOURCE: PCT Int. Appl., 135 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004026822	A2	20040401	WO 2003-US29018	20030915
WO 2004026822	A3	20040506		
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004121964	A1	20040624	US 2003-659860	20030911
CA 2497725	AA	20040401	CA 2003-2497725	20030915
BR 2003014582	A	20050809	BR 2003-14582	20030915
EP 1560811	A2	20050810	EP 2003-774478	20030915
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			US 2002-246831	A 20020919
			US 2002-412084P	P 20020919
			US 2003-659860	A 20030911
			WO 2003-US29018	W 20030915

OTHER SOURCE(S): MARPAT 140:303518

IT 676560-45-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

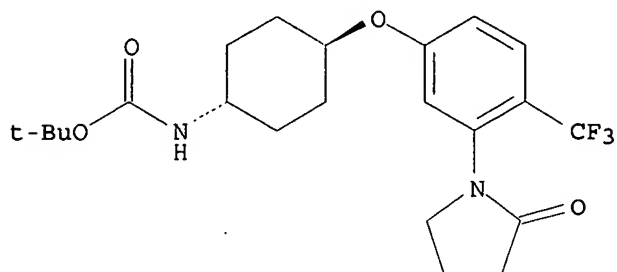
(preparation of N-aminoacyl pyrrolidine-2-carbonitriles and related compds. as inhibitors of dipeptidyl peptidase-IV useful against type II diabetes and other disorders)

RN 676560-45-5 CAPLUS

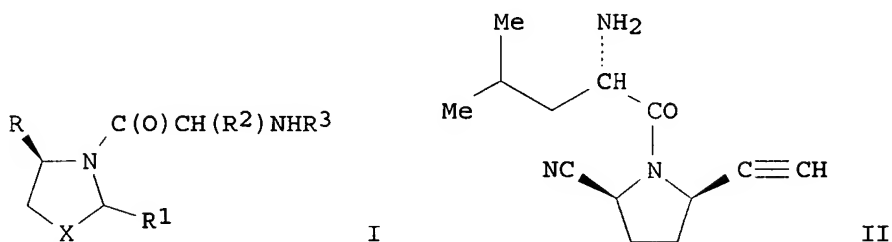
CN Carbamic acid, [trans-4-[3-(2-oxo-1-pyrrolidinyl)-4-

(trifluoromethyl)phenoxy]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



GI



AB The present invention relates to N-aminoacyl pyrrolidine-2-carbonitriles and related compds. (shown as I; variables defined below; e.g. II) that inhibit dipeptidyl peptidase IV (DPP-IV) and are useful for the prevention or treatment of diabetes, especially type II diabetes, as well as hyperglycemia,

Syndrome X, hyperinsulinemia, obesity, atherosclerosis, and various immunomodulatory diseases (no data). Compds. I inhibit DPP-IV induced fluorescence with inhibitory consts. 0.014-7 μ M. Although the methods of preparation are not claimed, >100 example preps. are included. For example, II was prepared in 9 steps starting from Me (S)-(+)-2-pyrrolidone-5-carboxylate and involving intermediates di-Me (2S)-5-oxopyrrolidine-1,2-dicarboxylate, di-Me (2S)-5-methoxypyrrolidine-1,2-dicarboxylate, di-Me (2S)-5-[(trimethylsilyl)ethynyl]pyrrolidine-1,2-dicarboxylate (separated diastereomers), Me (5R)-5-[(trimethylsilyl)ethynyl]-L-prolinate, Me (5R)-1-[N-(tert-butoxycarbonyl)-L-leucyl]-5-[(trimethylsilyl)ethynyl]-L-prolinate, (5R)-1-[N-(tert-butoxycarbonyl)-L-leucyl]-5-ethynyl-L-proline, (5R)-1-[N-(tert-butoxycarbonyl)-L-leucyl]-5-ethynyl-L-prolinamide and (5R)-1-[N-(tert-butoxycarbonyl)-L-leucyl]-5-ethynyl-L-pyrrolidine-2-carbonitrile. For I: X = CH₂, CHF and CF₂; R = alkylcarbonyl, arylcarbonyl, cyano, heterocyclecarbonyl, R₄R₅NC(O)-, B(OR)₂, 1,3,2-dioxaborolane and 4,4,5,5-tetramethyl-1,3,2-dioxaborolane; R₁ = alkoxyalkyl, alkyl, alkylcarbonyl, alkenyl, alkynyl, allenyl, arylalkyl, cycloalkyl, cycloalkylalkyl, cyano, haloalkyl, haloalkenyl, heterocyclealkyl, and hydroxyalkyl. R₂ and R₃ = H, alkoxyalkyl, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl; or R₂ and R₃ taken together with the atoms to which they are attached form a mono or bicyclic heterocycle 2-indolinyl, 2-indolyl, 3-isoquinolinyl, 2-piperazinyl, 2-piperidinyl, 2-pyrrolidinyl, 2-pyrrolyl, 2-pyridinyl, 2-quinolinyl, 2-tetrahydroquinolinyl, and 3-tetrahydroisoquinolinyl, wherein said heterocycle may be substituted with 0-3 alkenyl, alkoxy, alkoxyalkyl,

alkoxycarbonyl, alkoxycarbonylalkyl, alkyl, alkylcarbonyl, alkylcarbonylalkyl, alkylcarbonyloxy, alkylsulfonyl, alkylthio, alkynyl, aryl, arylalkoxy, arylalkyl, arylcarbonyl, aryloxy, carboxy, carboxyalkyl, cyano, cyanoalkyl, formyl, halogen, haloalkyl, hydroxy, hydroxyalkyl, mercapto, nitro, Ph, RARBN-, RcrDNC(O)-, and RcrDNS(O)2-. R4, R5 and R6 = H, alkyl, and arylalkyl; RA and RB = alkyl, alkylcarbonyl, alkoxycarbonyl, alkylsulfonyl; or RA and RB taken together with the N to which they are attached form a ring piperidine, piperazine and morpholine; and RC and RD = H and alkyl.

L18 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:1127082 CAPLUS

DOCUMENT NUMBER: 142:74441

TITLE: Preparation of N-aminoacyl pyrrolidine-2-carbonitriles and related compounds as inhibitors of dipeptidyl peptidase-IV (DPP-IV) useful against type II diabetes and other disorders

INVENTOR(S): Madar, David J.; Djuric, Stevan W.; Michmerhuizen, Melissa J.; Kopecka, Hana A.; Li, Xiaofeng; Longenecker, Kenton L.; Pei, Zhonghua; Pireh, Daisy; Sham, Hing L.; Stewart, Kent D.; Szczepankiewicz, Bruce G.; Wiedeman, Paul E.; Yong, Hong

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 66 pp., Cont.-in-part of U.S. Ser. No. 659,860.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2004259843	A1	20041223	US 2004-788993	20040227
US 2004121964	A1	20040624	US 2003-659860	20030911
US 2005215784	A1	20050929	US 2005-36258	20050113
PRIORITY APPLN. INFO.:			US 2002-412084P	P 20020919
			US 2003-659860	A2 20030911
			US 2004-788993	A2 20040227

OTHER SOURCE(S): MARPAT 142:74441

IT 676560-45-5P

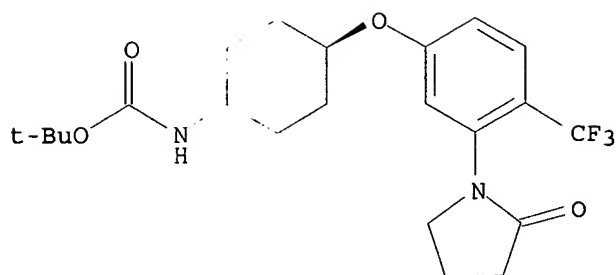
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of N-aminoacyl pyrrolidine-2-carbonitriles and related compds. as inhibitors of dipeptidyl peptidase-IV useful against type II diabetes and other disorders)

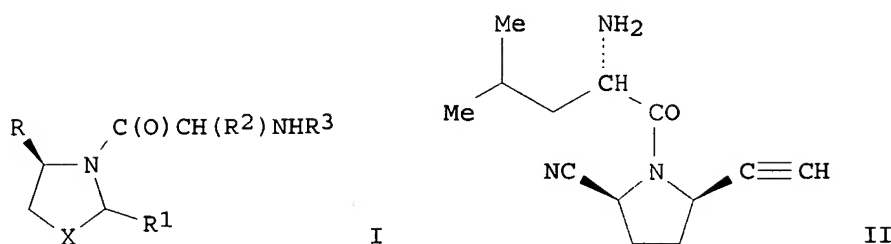
RN 676560-45-5 CAPLUS

CN Carbamic acid, [trans-4-[3-(2-oxo-1-pyrrolidinyl)-4-(trifluoromethyl)phenoxy]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



GI



AB The present invention relates to N-aminoacyl pyrrolidine-2-carbonitriles and related compds. (shown as I; variables defined below; e.g. II) that inhibit dipeptidyl peptidase IV (DPP-IV) and are useful for the prevention or treatment of diabetes, especially type II diabetes, as well as hyperglycemia,

Syndrome X, hyperinsulinemia, obesity, atherosclerosis, and various immunomodulatory diseases (no data). Compds. I inhibit DPP-IV induced fluorescence with inhibitory consts. 0.014-7 μ M. Although the methods of preparation are not claimed, >100 example preps. are included. E.g., a 9-step synthesis of II, starting from Me (S)-(+)-2-pyrrolidone-5-carboxylate, was given. For I: X = CH₂, CHF and CF₂; R = alkylcarbonyl, arylcarbonyl, cyano, heterocyclylcarbonyl, R₄R₅NC(O)-, B(OR₆)₂, 1,3,2-dioxaborolane and 4,4,5,5-tetramethyl-1,3,2-dioxaborolane; R₁ = alkoxyalkyl, alkyl, alkylcarbonyl, alkenyl, alkynyl, allenyl, arylalkyl, cycloalkyl, cycloalkylalkyl, cyano, haloalkyl, haloalkenyl, heterocyclylalkyl, and hydroxyalkyl. R₂ and R₃ = H, alkoxyalkyl, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heterocycle, heterocyclealkyl, hydroxyalkyl; or R₂ and R₃ taken together with the atoms to which they are attached form a mono or bicyclic heterocycle 2-indolinyl, 2-indolyl, 3-isoquinolinyl, 2-piperazinyl, 2-piperidinyl, 2-pyrrolidinyl, 2-pyrrolyl, 2-pyridinyl, 2-quinolinyl, 2-tetrahydroquinolinyl, and 3-tetrahydroisoquinolinyl, wherein said heterocycle may be substituted with 0-3 alkenyl, alkoxy, alkoxyalkyl, alkoxy carbonyl, alkoxy carbonylalkyl, alkyl, alkylcarbonyl, alkylcarbonylalkyl, alkylcarbonyloxy, alkylsulfonyl, alkylthio, alkynyl, aryl, arylalkoxy, arylalkyl, arylcarbonyl, aryloxy, carboxy, carboxyalkyl, cyano, cyanoalkyl, formyl, halogen, haloalkyl, hydroxy, hydroxyalkyl, mercapto, nitro, Ph, R₄R₅N-, R₄R₅NC(O)-, and R₄R₅NCNS(O)₂-. R₄, R₅ and R₆ = H, alkyl, and arylalkyl; R_A and R_B = alkyl, alkylcarbonyl, alkoxy carbonyl, alkylsulfonyl; or R_A and R_B taken together with the N to which they are attached form a ring piperidine, piperazine and morpholine; and R_C and R_D = H and alkyl.

DOCUMENT NUMBER: 138:89797
 TITLE: Preparation of substituted oxazolidinones for
 combinational therapy in the treatment and/or
 prophylaxis of thromboembolic diseases
 INVENTOR(S): Straub, Alexander; Lampe, Thomas; Pernerstorfer,
 Josef; Perzborn, Elisabeth; Pohlmann, Jens; Roehrig,
 Susanne; Schlemmer, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 161 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003000256	A1	20030103	WO 2002-EP6237	20020607
WO 2003000256	C2	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10129725	A1	20030102	DE 2001-10129725	20010620
CA 2451258	AA	20030103	CA 2002-2451258	20020607
EE 200400020	A	20040415	EE 2004-20	20020607
EP 1411932	A1	20040428	EP 2002-738154	20020607
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002010941	A	20040608	BR 2002-10941	20020607
CN 1523986	A	20040825	CN 2002-812411	20020607
JP 2004534083	T2	20041111	JP 2003-506901	20020607
NZ 530223	A	20050729	NZ 2002-530223	20020607
BG 108443	A	20050331	BG 2003-108443	20031212
ZA 2003009799	A	20041220	ZA 2003-9799	20031218
US 2004242660	A1	20041202	US 2004-481297	20040628
PRIORITY APPLN. INFO.:			DE 2001-10129725	A 20010620
			WO 2002-EP6237	W 20020607

OTHER SOURCE(S): MARPAT 138:89797

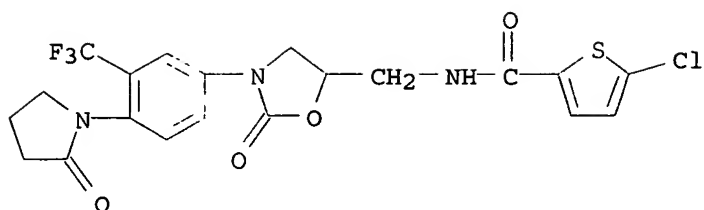
IT 482306-47-8P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological
 study); PREP (Preparation); USES (Uses)

(preparation and pharmacol. activity of; preparation of substituted
 oxazolidinones for combinational therapy in the treatment and/or
 prophylaxis of thromboembolic diseases)

RN 482306-47-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[[2-oxo-3-[4-(2-oxo-1-pyrrolidinyl)-3-
 (trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)



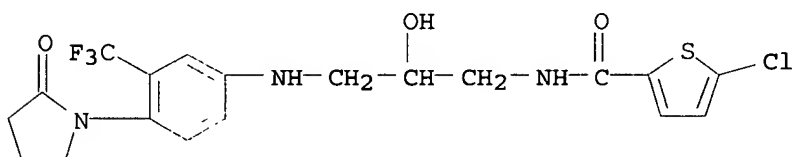
IT 482306-13-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, with carbonyldiimidazole; preparation of substituted oxazolidinones for combinational therapy in the treatment and/or prophylaxis of thromboembolic diseases)

RN 482306-13-8 CAPLUS

CN 2-Thiophenecarboxamide, 5-chloro-N-[2-hydroxy-3-[[4-(2-oxo-1-pyrrolidinyl)-3-(trifluoromethyl)phenyl]amino]propyl]- (9CI) (CA INDEX NAME)



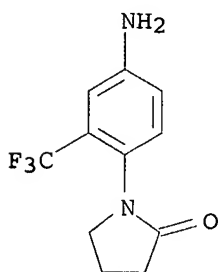
IT 69131-62-0P, 1-[4-Amino-2-(trifluoromethyl)phenyl]-2-pyrrolidinone

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of substituted oxazolidinones for combinational therapy in the treatment and/or prophylaxis of thromboembolic diseases)

RN 69131-62-0 CAPLUS

CN 2-Pyrrolidinone, 1-[4-amino-2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The invention relates to combinations of (A) oxazolidinones I [R1 = 5-X-2-thienyl (X = Cl, Br, Me, CF3); R2 = DA; A = phenylene; D = 5- or 6-membered heterocyclic ring containing S, N or O; R4 - R8 = H], or their

pharmaceutically acceptable salts, hydrates, prodrugs or their mixts. and (B) other pharmaceutically active ingredients; to a method for producing said combinations; and to the use thereof as medicaments, in particular for the treatment and/or prophylaxis of thrombo-embolic diseases. Thus, the claimed oxazolone II was prepared from epoxide III via epoxide ring opening with aniline derivative IV, cyclization with carbonyldiimidazole, and N-acylation with 5-chlorothiophene-2-sulfonyl chloride. II was tested for antithrombotic activity in the arteriovenous shunt model (Rat) after [ED50 = 3 mg/kg (p.o.); IC50 = 0.7 nM]; II had a synergistic effect when used in combination with clopidogrel.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:462305 CAPLUS

DOCUMENT NUMBER: 125:114610

TITLE: Preparation of pyrazolo[3,4-c]pyridines as inhibitors of phosphodiesterase type IV and production of tumor necrosis factor

INVENTOR(S): Duplantier, Allen J.

PATENT ASSIGNEE(S): Pfizer Inc., USA

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9612720	A1	19960502	WO 1995-IB847	19951006
W: AU, CA, CN, CZ, HU, JP, KR, NO, NZ, PL, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2201728	AA	19960502	CA 1995-2201728	19951006
AU 9535317	A1	19960515	AU 1995-35317	19951006
AU 702105	B2	19990211		
EP 787132	A1	19970806	EP 1995-932148	19951006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CN 1161040	A	19971001	CN 1995-195743	19951006
CN 1050129	B	20000308		
JP 09511758	T2	19971125	JP 1995-513751	19951006
HU 77517	A2	19980528	HU 1997-2289	19951006
FI 9504991	A	19960421	FI 1995-4991	19951019
ZA 9508839	A	19970421	ZA 1995-8839	19951019
BR 9504491	A	19970520	BR 1995-4491	19951020
NO 9701811	A	19970618	NO 1997-1811	19970418
AU 9892402	A1	19990121	AU 1998-92402	19981113
PRIORITY APPLN. INFO.:			US 1994-326434	A 19941020
			US 1993-88292	A 19930706
			AU 1994-68057	A3 19940616
			AU 1995-35317	A3 19951006
			WO 1995-IB847	W 19951006

OTHER SOURCE(S): CASREACT 125:114610; MARPAT 125:114610

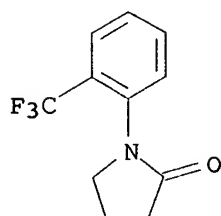
IT 162142-35-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

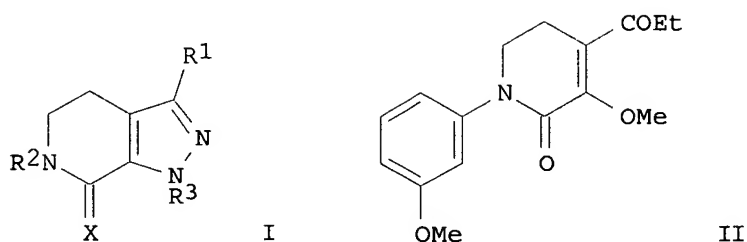
(preparation of pyrazolo[3,4-c]pyridines as inhibitors of phosphodiesterase type IV and production of tumor necrosis factor)

RN 162142-35-0 CAPLUS

CN 2-Pyrrolidinone, 1-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



GI



AB The title compds. [I; R1 = H, C1-3 alkyl, C2-3 alkenyl, etc.; R2, R3 = H, C1-14 alkyl, C1-14 alkoxy, etc.; X = O, H2], useful in the treatment of asthma, arthritis, bronchitis, psoriasis, allergic rhinitis, dermatitis, AIDS, septic shock, etc., were prepared. Thus, cyclization of tetrahydropyridine II with cyclohexylhydrazine.HCl in MeOH afforded I [R1 = Et; R2 = 3-MeC6H4; R3 = cyclohexyl; X = O]. In general, compds. I are effective at 0.3-5 mg/kg body weight per day.

L18 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:480325 CAPLUS

DOCUMENT NUMBER: 122:239696

TITLE: Preparation of tetrahydropyrazolo[3,4-c]pyridines as inhibitors of phosphodiesterase IV or the production of tumor necrosis factor.

INVENTOR(S): Duplantier, Allen Jacob

PATENT ASSIGNEE(S): Pfizer Inc., USA

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9501980	A1	19950119	WO 1994-IB156	19940616
W: AU, BR, CA, CN, CZ, HU, JP, KR, NO, NZ, PL, RU, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9468057	A1	19950206	AU 1994-68057	19940616
AU 695301	B2	19980813		
EP 707585	A1	19960424	EP 1994-916370	19940616
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 08507084	T2	19960730	JP 1994-503938	19940616
JP 2944048	B2	19990830		
BR 9406946	A	19960806	BR 1994-6946	19940616
CN 1129940	A	19960828	CN 1994-193233	19940616
CN 1048015	B	20000105		

HU 74170	A2	19961128	HU 1995-3934	19940616
RU 2131876	C1	19990620	RU 1996-103653	19940616
CA 2166721	C	19990727	CA 1994-2166721	19940616
IL 110175	A1	20000131	IL 1994-110175	19940630
FI 9403208	A	19950107	FI 1994-3208	19940705
ZA 9404844	A	19960105	ZA 1994-4844	19940705
NO 9600056	A	19960105	NO 1996-56	19960105
AU 9892402	A1	19990121	AU 1998-92402	19981113
PRIORITY APPLN. INFO.:			US 1993-88292	A 19930706
			AU 1994-68057	A3 19940616
			WO 1994-IB156	W 19940616
			US 1994-326434	A 19941020
			AU 1995-35317	A3 19951006

OTHER SOURCE(S): MARPAT 122:239696

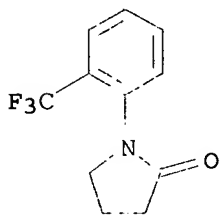
IT 162142-35-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

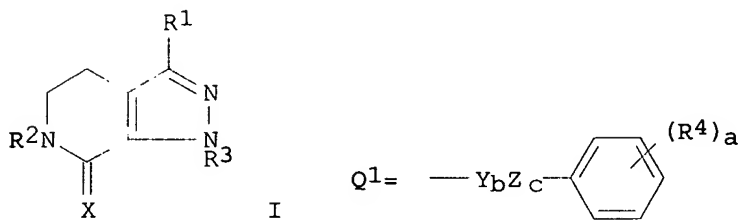
(preparation of tetrahydropyrazolo[3,4-c]pyridines as inhibitors of phosphodiesterase IV or the production of tumor necrosis factor)

RN 162142-35-0 CAPLUS

CN 2-Pyrrolidinone, 1-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



GI



AB Title compds. [I; R1 = H, (substituted) alkyl, alkenyl, methylenecycloalkyl; X = O, H2; R2, R3 = H, alkyl, alkoxy, alkenyl, heterocyclyl, Q1, etc.; a = 1-5; b, c = 0, 1; R4 = H, OH, alkyl, alkenyl, alkoxy, cycloalkoxy, halo, CF3, NO2, etc.], were prepared for treatment of asthma, arthritis, bronchitis, chronic obstructive airways disease, psoriasis, allergic rhinitis, dermatitis and other inflammatory diseases, AIDS, septic shock and other diseases involving the production of TNF (no data). Thus, 3-hydroxy-2-oxo-1-phenyl-4-propionyl-1,2,5,6-tetrahydropyridine, 4-methoxyphenylhydrazine hydrochloride, and NaOMe were refluxed 12 h in EtOH to give 3-ethyl-1-(4-methoxyphenyl)-6-phenyl-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine.

L18 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1983:575601 CAPLUS

DOCUMENT NUMBER: 99:175601

TITLE: N-Phenyl-substituted N-heterocyclic compounds and

INVENTOR(S) : their use in agents for regulating plant growth
 PATENT ASSIGNEE(S) : Tobler, Hans; Foery, Werner; Schurter, Rolf
 SOURCE : Ciba-Geigy Corp. , USA
 U.S., 22 pp. Cont.-in-part of U.S. Ser. No. 111,517,
 abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4394156	A	19830719	US 1981-314620	19811026
CH 629076	A	19820415	CH 1977-4702	19770415
CH 632131	A	19820930	CH 1977-13661	19771109
US 4208202	A	19800617	US 1978-896970	19780412
BE 865979	A1	19781016	BE 1978-186784	19780414
ZA 7802158	A	19790328	ZA 1978-2158	19780414
US 4294606	A	19811013	US 1980-111552	19800114
PRIORITY APPLN. INFO.:			CH 1977-4702	A 19770415
			CH 1977-13661	A 19771109
			US 1978-896970	A3 19780412
			US 1980-111517	A2 19800114

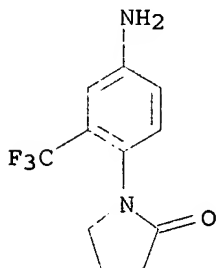
OTHER SOURCE(S) : CASREACT 99:175601

IT 69131-62-0P 69132-14-5P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

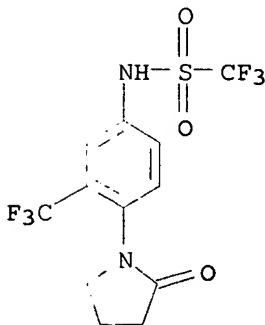
RN 69131-62-0 CAPLUS

CN 2-Pyrrolidinone, 1-[4-amino-2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

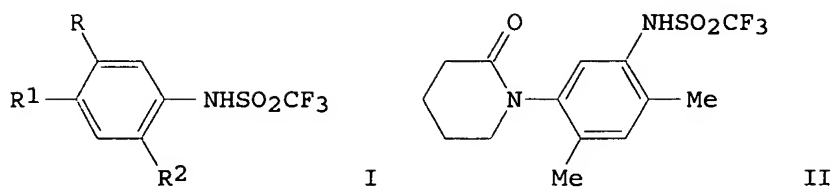


RN 69132-14-5 CAPLUS

CN Methanesulfonamide, 1,1,1-trifluoro-N-[4-(2-oxo-1-pyrrolidinyl)-3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



GI



AB Phenylpyridones I (R = substituted 2-oxo-1-pyridyl; R1, R2 = H, alkyl, alkoxy, halogen) are claimed. I (R = oxopyrrolidino, oxopiperidino, oxoazetidino, maleimido) were prepared. Thus, 4,6,3-Me2(O2N)C6H2NHCO(CH2)4Cl was cyclized, reduced to the amine, and treated with (CF3SO2)2O to give II which was an ineffective herbicide at 0.1 kg/ha preemergence.

L18 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1978:529391 CAPLUS

DOCUMENT NUMBER: 89:129391

TITLE: Herbicidal N-(3-amino-2,4-dinitro-6-trifluoromethylphenyl)pyrrolidones

INVENTOR(S): Schneider, Louis; Graham, David E.

PATENT ASSIGNEE(S): GAF Corp., USA

SOURCE: U.S., 4 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

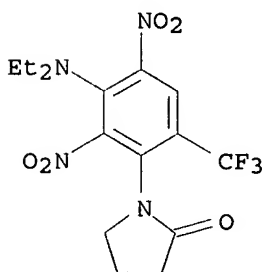
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4087270	A	19780502	US 1977-773817	19770303
PRIORITY APPLN. INFO.:			US 1977-773817	A 19770303

IT 67645-69-6P

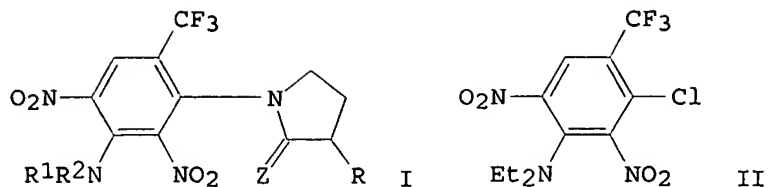
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and herbicidal activity of)

RN 67645-69-6 CAPLUS

CN 2-Pyrrolidinone, 1-[3-(diethylamino)-2,4-dinitro-6-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



GI



AB Herbicidal pyrazolidones I (R, R₁, R₂ = H or C₁-C₄ alkyl, Z = O or S) were prepared. Thus, a mixture of the chloride II and Na pyrrolidone in DMF was heated 21.5 h at 112-15° to give 5.0% I (R = H, R₁ = R₂ = Et, Z = O), which controlled Japanese millet and crabgrass.

L18 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1979:121396 CAPLUS

DOCUMENT NUMBER: 90:121396

TITLE: Plant growth regulating N-phenyl-substituted
N-heterocyclic compounds

INVENTOR(S): Tobler, Hans; Foery, Werner; Schurter, Rolf

PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.

SOURCE: Ger. Offen., 77 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2815820	A1	19781026	DE 1978-2815820	19780412
DE 2815820	C2	19891228		
CH 629076	A	19820415	CH 1977-4702	19770415
CH 632131	A	19820930	CH 1977-13661	19771109
NL 7803885	A	19781017	NL 1978-3885	19780412
FR 2387219	B1	19821119	FR 1978-10761	19780412
FR 2387219	A1	19781110		
DD 137655	C	19790919	DD 1978-204774	19780413
AU 7835084	A1	19791018	AU 1978-35084	19780413
AU 520407	B2	19820128		
CA 1102801	A1	19810609	CA 1978-301079	19780413
IL 54501	A1	19820930	IL 1978-54501	19780413
BE 865979	A1	19781016	BE 1978-186784	19780414
DK 7801646	A	19781016	DK 1978-1646	19780414
SE 7804244	A	19781016	SE 1978-4244	19780414
BR 7802330	A	19790213	BR 1978-2330	19780414
ZA 7802158	A	19790328	ZA 1978-2158	19780414
ES 468807	A1	19791216	ES 1978-468807	19780414
GB 1593809	A	19810722	GB 1978-14762	19780414
AT 7802640	A	19820815	AT 1978-2640	19780414
AT 370280	B	19830310		
HU 185923	B	19850328	HU 1978-CI1825	19780414
CS 274252	B2	19910411	CS 1978-2445	19780414
JP 53130652	A2	19781114	JP 1978-44739	19780415
JP 03021545	B4	19910322		
PRIORITY APPLN. INFO.:			CH 1977-4702	A 19770415
			CH 1977-13661	A 19771109

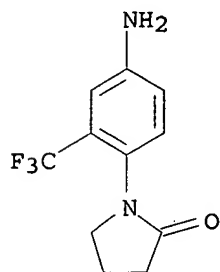
OTHER SOURCE(S): CASREACT 90:121396

IT 69131-62-0P

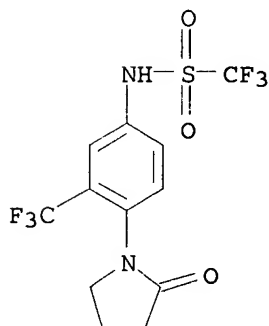
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation and reaction of, with trifluoromethanesulfonic anhydride)

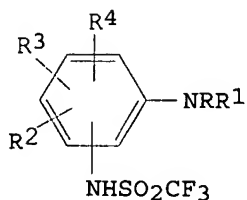
RN 69131-62-0 CAPLUS
 CN 2-Pyrrolidinone, 1-[4-amino-2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



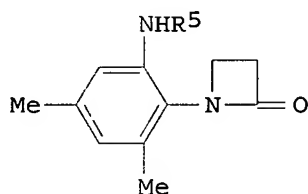
IT 69132-14-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 69132-14-5 CAPLUS
 CN Methanesulfonamide, 1,1,1-trifluoro-N-[4-(2-oxo-1-pyrrolidinyl)-3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



GI



I

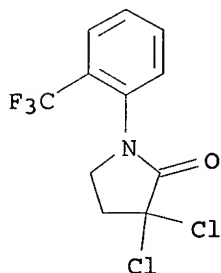


II

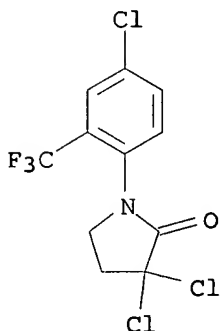
AB Trifluoromethanesulfonamides I (NRR1 = optionally substituted N heterocycle; R2-R4 = H, halogen, C1-4 alkyl, haloalkyl, CN, NO2, CSNH2, optionally substituted CH2Ph, alkylthio, alkylsulfinyl, alkylsulfenyl, alkoxy, acyloxy, CO2H, alkoxy carbonyl) were prepared for use as herbicides and plant growth inhibitors (no data). Thus, 3,4,6-O2N(Me2)C6H2NHCOCH2CH2Cl was cyclized and hydrogenated to give II (R5 = H) which was treated with (CF3SO2)2O to give II (R5 = SO2CF3).

TITLE: 3,3-Dichloro-2-oxopolymethylenimines
 PATENT ASSIGNEE(S): Sterling Drug Inc.
 SOURCE: Brit., 35 pp.
 CODEN: BRXXAA
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 1192670		19700520	GB	
US 3549654		19700000	US	
US 3647782		19720000	US	
US 3708473		19730000	US	
US 3862172		19750000	US	
PRIORITY APPLN. INFO.:			US	19671009
IT 27474-14-2P 27474-21-1P				
RL: SPN (Synthetic preparation); PREP (Preparation)				
(preparation of)				
RN 27474-14-2 CAPLUS				
CN 2-Pyrrolidinone, 3,3-dichloro-1-(α,α,α -trifluoro-o-tolyl)- (8CI) (CA INDEX NAME)				



RN 27474-21-1 CAPLUS
 CN 2-Pyrrolidinone, 3,3-dichloro-1-(4-chloro- α,α,α -trifluoro-o-tolyl)- (8CI) (CA INDEX NAME)



GI For diagram(s), see printed CA Issue.
 AB The title compds. (I, II, III) are prepared by cyclization in the presence of an acid acceptor of $\text{ClCH}_2\text{CH}_2\text{CCl}_2\text{CONHR}$ or $\text{ClCH}_2(\text{CH}_2)_n\text{CH}_2\text{CONHR}$ (IV); of $[\text{ClCH}_2\text{CH}_2\text{CCl}_2\text{CONH}(\text{CmH}_2\text{m})]_2\text{Ar}$ or $[\text{ClCH}_2(\text{CH}_2)_n\text{CH}_2\text{CONH}(\text{CmH}_2\text{m})]_2\text{Ar}$ (V); and of $(\text{ClCH}_2\text{CH}_2\text{CCl}_2\text{CONH})_2\text{Y}$ or $[\text{ClCH}_2(\text{CH}_2)_n\text{CH}_2\text{CONH}]_2\text{Y}$ (VI), and further treating the cyclized compds. from IV, V and VI with a chlorinating agent, and, if desired, hydrolyzing a compound wherein R is a radical substituted by

lower-alkanoylamino or lower-alkanoyloxy to obtain the compound wherein R is a radical substituted by amino or hydroxy groups, resp. (ClCH₂CH₂CCl₂CONH)2Ar where Ar is biphenylene or substituted biphenylene, are useful intermediates in the preparation of II. In all, 50 examples were given, with phys. consts. for most of the products. Many other compds. were cited. I, II, and III have anti-inflammatory properties on administration of multiple doses orally to fasting male albino rats, in doses ranging from 25-400 mg/kg.

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L24 10311 (L19 OR L20 OR L21 OR L22 OR L23)

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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FULL ESTIMATED COST	12.50	641.32
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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-17.52

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